

From owner-boatanchors@gnu.ai.mit.edu Tue Dec 6 04:39:52 1994
Message-Id: <m0rEusr-0007PrC@beacons.cts.com>
Subject: Re: About subscribing, unsubscribing and digests....
Date: Tue, 6 Dec 94 0:04:24 PST
From: Kevin Sanders <kevin@beacons.cts.com>

OK, it has been a while since I posted it, so here is my list
subscription info:

***** NOTICE: BOATANCHORS SATELLITE LIST IS ON-LINE *****

In hopes of allowing folks who wish to participate in the
Boatanchors List to do so in spite of the frozen state of the
list at ai.mit.edu, I have set up a satellite list server on my
home machine. My server will allow users to subscribe to and
unsubscribe from the list, get list archives, etc.

All messages I receive from the main list will be forwarded to
subscribers of the satellite list, and all postings to my satellite
list will be forwarded to the main list.

To subscribe to the satellite list, send mail to listproc@beacons.cts.com.
The mail should have an EMPTY SUBJECT LINE, and the body of the message
should contain

SUBSCRIBE BOATANCHORS MY-REAL-NAME

Your email address will be taken from the mail header, so put your full
name in place of MY-REAL-NAME. Put nothing in the subject line; if you
do the message will be ignored.

To unsubscribe, send mail to listproc@beacons.cts.com with an empty
subject line and the following message body:

UNSUBSCRIBE BOATANCHORS

If you need help, a message to listproc@beacons.cts.com with the line
HELP in the body will get you started.

To post to the list, you may post to boatanchors@beacons.cts.com and
your message will be forwarded to the main list. For faster propagation,
you may also post directly to the main list, at boatanchors@gnu.ai.mit.edu.

If you have problems, please email me at kevin@beacons.cts.com.

73,

Kevin Sanders
KN6FQ

From owner-boatanchors@gnu.ai.mit.edu Tue Dec 6 15:03:15 1994
Date: Sun, 04 Dec 94 23:53:24 UTC
Message-Id: <263@ki5sl.ampr.org>
From: ki5sl@ki5sl.ampr.org (Rick_Blank)
Subject: Amp Supply LK550

> In message <941206032206_6893496@aol.com> NX7U@aol.com writes:
> > >1. When I key the amp but have absolutely no signal going into
> > > the amp, I have a plate current reading of about 320 to 340 ma.
> > > and the plates have a red glow to them, about like the plate
> > > color on the 250TH in my BC-610-I when it's keyed up.
> > > Is this normal? If not, what kind of corrective measures
> > > should I look into to correct this. Could this also be due to
> > > HV power supply ripple?
> >
> > This condition can actually be considered perfectly normal.
> >
> > EIMAC states in many applications briefs that for good two-tone intermod
> > performance, the idling plate dissipation of glass triodes should be around
> > 70% of their rated dissipation for class AB service.
> > So, using the EIMAC tube catalog, for class AB2 operation, a plate voltage of
> > 3000 and 1200 W total plate dissipation (three tubes @ 400 W each) gives
> > 360mA...pretty close to what you're seeing.
> >
> > NOW, many commercial amps (and homebrews for that matter) use a VOX-like
> > relay in the grid bias circuit of triode amps to cut off the amp when no
> > signal is applied, only turning on (and applying normal operating bias) when
> > the VOX relay closes. The intent being to reduce the total amount of time
> > the tubes dissipate a large amount of heat. This approach is well-documented
> > in the pages of QST, particularly for 3-500Z amps, and could easily be
> > applied to yours, if you wanted.
> >
> > So sounds like Amp Supply chose not to implement the bias cutoff circuit is
> > all. Otherwise, pretty nominal! (And yes, the 3-500Z's will glow dull red at
> > that plate dissipation).
> >
> > As for power output, I'd have to second the previous comment regarding not to
> > worry too much...at 10m the output power is so dependent on the exact
> > unloaded Q of the output tank and even on the manufacturing tolerance of the
> > tuning components that it's hard to get too worked up over a 1 dB variation
> > in output power. However, I'd bet you could find an identical amp with
> > better 10m performance if you could "try before you buy".
> > Good Luck on riddly-tiddly
> > scott nx7u@primenet.com

> >

>

Thanks, Scott, well, I figured as much! I have never talked to another owner of one of these amps, so, I thought I'd put out a call to see what I could find.

I don't really worry about the output on 10m except that the tuning is very sharp there and just is not what I would expect in an amp that seems as well made as this one...it's built quite a bit better inside than most of Ameritron's products, but, I don't think it is the equal of my nearly 20 year old Alpha PA-76 which tunes like a dream and has never given me one moment of problems. (Not to mention gobs of power out from it's three 8874's)

The last glass tube amp I used was a Heathkit SB1000 that I was not very impressed with and sold after only using it for 1 year... and replacing the bandswitch, plate choke, and several other components...the bandswitch was no heavier than the one in my DX100....it plain did not like RTTY at 300 watts out.

I guess I just expect too much! I can't wait to get the Johnson Thunderbolt running!

Rick Blank, KI5SL
ki5sl@sat.ampr.org
2223 Blanco Road
San Antonio, Texas 78212
end

From owner-boatanchors@gnu.ai.mit.edu Tue Dec 6 05:16:31 1994

From: NX7U@aol.com

Date: Tue, 6 Dec 1994 03:22:06 -0500

Message-Id: <941206032206_6893496@aol.com>

Subject: Re: Amp Supply LK550-ZC Help ...

>1. When I key the amp but have absolutely no signal going into
> the amp, I have a plate current reading of about 320 to 340 ma.
> and the plates have a red glow to them, about like the plate
> color on the 250TH in my BC-610-I when it's keyed up.
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So sounds like Amp Supply chose not to implement the bias cutoff circuit is all. Otherwise, pretty nominal! (And yes, the 3-500Z's will glow dull red at that plate dissipation).

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Good Luck on riddly-tiddly

scott nx7u@primenet.com

From owner-boatanchors@gnu.ai.mit.edu Tue Dec 6 18:31:44 1994

Date: Tue, 6 Dec 1994 14:36:41 -0500 (EST)

From: Paul Gregory <afpgreg@gatekeeper.ddp.state.me.us>

Subject: Re: BA Brainwashing

Message-Id: <Pine.3.89.9412061407.B1323-0100000@gatekeeper.ddp.state.me.us>

I can only add humble ramblings to what's been said about the above topic:

I recently came to this newsgroup already baptized as a lava-lamp luddite. I drive a 1961 Land Rover. I own (and therefore, constantly work on) a 140-year old farm house. Now, in the last couple of years, I've taken to collecting BA's.

Okay, so I'm not a practical person. But there's something special which drives me to keep old stuff alive; it's a romantic edge to life. As for radio, an HQ-160 is one of my first loves as an adolescent that I can now relive (and afford without scandal) as a 40-year old. My 75A-3 at work is--in a word--sensuous; it emanates warmth and voluptuous, musky aromas in the night.

Brainwashing is a harsh and inaccurate analysis. I say the greatest effect this group has upon me is simply one of reinforcing my reverence of history (let's hear more about submarine antennas and spy radios!). I doubt I would have had the enthusiasm to get a ham ticket if

boat anchors didn't exist. I hazard to guess many boat anchorites came into this interest with some sort of similar predisposition.

Oh yeah, there's nothing really wrong with contemporary technology and the mainstream in general other than they bore me.

--Paul

KB1AOC

From owner-boatanchors@gnu.ai.mit.edu Tue Dec 6 19:03:01 1994

Date: Tue, 6 Dec 94 19:17:20 GMT

From: "Hugh D. Stegman" <driver8@red-eft.la.ca.us>

Message-Id: <9412061917.AA02377@red-eft.la.ca.us>

Subject: Re: BA Brainwashing

Jim writes:

>ridicule I might suffer. Anyone else feel this way or am I just a nut?

Well, I think this is closer to the mainstream than you think. The more experienced hams are often tired of the ricebox-of-the-month syndrome. The radios are all becoming the size of Lima beans, with features that nobody will ever figure out, let alone use. There's a group in L.A., called the 78s, that started because a bunch of newer hams were upset that none of the older hams would help them figure out the Kenwood TH-78. Apparently nobody had the heart to tell them that this was because the Elmers couldn't figure it out either.

This is an awesome technological capability for the money, and it's good for emergencies, but as a hobby it's kind of a loser. It's getting harder to explain what's so special about ham radio when everyone has a palmtop wireless gizmo which will do all the same stuff and run Lotus besides. People are looking for more, and the boatanchor thing is unfortunately a real popular choice. (I say unfortunately only because it makes these wonderful old radios, designed to a performance spec and not a sales demographic, more expensive.)

Notice that even hams look at a shack full of glow-in-the-dark radios, and go, "Wow."

Hugh NV6H

From owner-boatanchors@gnu.ai.mit.edu Tue Dec 6 21:32:52 1994

From: flasch@lotus.eecs.nwu.edu (Norm Flasch)

Message-Id: <9412062302.AA00351@lotus.eecs.nwu.edu>

Subject: Re: BA Brainwashing

Date: Tue, 6 Dec 1994 17:02:40 -0600 (CST)

>
> Hi Gang,
> I don't know about the rest of you, but since I've been receiving this
> list, I think my way of thinking about things has changed. I have even a
> stronger craving to collect and utilize a lot of OTHER things from the past.
>
> -Jim

I know exactly what you mean. I work with state-of-the art computing equipment here all day. Computing equipment around here becomes obsolete in 2 or 3 years. Also, we rarely service down to the component level anymore... we just swap boards. I have a few vt100's that have long since been replaced with newer equipment. I have kept some salvagable units. Occasionally a student needs one at home so I give them away. DEC had great manuals for these and I still have parts. has anyone ever tried getting a manual from Sun?

Working on BA's at home is a welcome change of pace and reminds me of a simpler, less competitive and more secure time. Many of these I consider works of art that DO something. Unfortunately many of the artists (design engineers) will never be known. I can still admire and preserve thier work and the work of the craftsmen and craftswomen that built them by hand.

--

Norm Flasch flasch@eecs.nwu.edu Northwestern University
Electrical Engineering and Computer Science

From owner-boatanchors@gnu.ai.mit.edu Tue Dec 6 21:05:32 1994
Date: Tue, 6 Dec 1994 16:50:41 -0600 (CST)
From: Kevin Anderson <anderson@ncrsun2>
Subject: Boatanchor Pub?
Message-Id: <Pine.SUN.3.91.941206164327.20344H@ncrsun7>

Hey I know this isn't boatanchor (at least not directly),
but what would you say for this career idea:

Have a pub named the Boatanchor Pub. All nice and warm,
heated by old radios and tubes all around the place, plus
some maritime motif. A mix of wood, wrinkle paint, and
military colors. One can then swill some good warm beer
(ala UK/Irish pubs), have pleasant, technical conversation,
and wax and wane nostalgic about days of past yore.
Good AM signals booming (quietly) out from nice BA speakers.
A hazard, mind you, that OSHA wouldn't be thrilled about is
the tendency for people to poke fingers into high voltage
B+ circuits after a few beers, but that can be worked around....

Wot say? Cheers, Kevin
(time to go home)

Kevin L. Anderson, CENCR-PD-W, U.S. Army Corps of Engineers
Rock Island District Office, Planning Div.-Waterway Systems
Rock Island, Illinois 61204-2004, USA phone:(309) 794-5605
e-mail: anderson@ncrsun1.ncr.usace.army.mil

Opinions expressed here are my own and do not represent the
U.S. Army Corps of Engineers or the Federal Government.

From owner-boatanchors@gnu.ai.mit.edu Tue Dec 6 10:36:33 1994
From: Scott_Johnson-AZAX60@email.sps.mot.com
Date: 6 Dec 94 08:37:09 -0600
Subject: RE>Bristol Wrenches and 11
Message-Id: <"Macintosh */PRMD=MOT/ADMD=MOT/C=US/"@MHS>

Reply to: RE>Bristol Wrenches and 11 pin socke
The eleven pin plugs are Amphenol items available from Newark.

Date: 12/5/94 7:17 PM
To: Scott Johnson
>From: veltman@netcom.com@azbcsml
Mime-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hello anybody,

On the subject of Bristol or Spline wrenches, GC makes a set of 6 and sells here in town at the local electronics emporium for \$5.87, a lot cheaper than the \$15 from the guy in Arizona. The GC part number is 5070, and the title is "spline key wrenches".

On the 11 pin sockets that are used in Collins power cords, I am working on a source for them. If you are into Collins and want some for your junk box (with or without hoods), let me know how many, so I can tell my source about how many I would be ordering. When I get a price and delivery quote, I'll post another notice and tell you how much. I know that there is a quantity minimum on these puppies because they are a real low demand item.

73

Paul WA6OKQ <veltman@netcom.com>

From owner-boatanchors@gnu.ai.mit.edu Tue Dec 6 21:00:28 1994
From: michael.moore@24stex.com
Message-Id: <9412061236.0HPBI00@24stex.com>
Date: Tue, 06 Dec 94 12:36:06 -0800
Subject: COLLINS KW-1

Found this in the latest 'Yellow Sheets' and thought some of you might be interested. Don't everybody call the guy at once <VBG>.

"Collins KW-1 this is the *very first* one hand built by Arthur Collins and team of his selected engineers. It was in storage for over 35 years, in excellent condition, little use and produced before the two prototypes. This one is the rarest of the rare.offers Rick 607\233-1414, late.

No price listed (wonder why!)

Mike K6SQJ

From owner-boatanchors@gnu.ai.mit.edu Tue Dec 6 21:24:16 1994
Date: Wed, 7 Dec 94 00:01:06 GMT
From: "Hugh D. Stegman" <driver8@red-eft.la.ca.us>
Message-Id: <9412070001.AA03753@red-eft.la.ca.us>
Subject: Re: Contest BA

Doug writes:

>with and for casual operating I warm the room with boatanchors. You won't
>find a tester using a boatanchor in a contest.

For the most part this is true, but there are a number of hard-core testers that use whole stacks of Drake 4-line gear. I absolutely love mine for Field Day. It is frequency-agile for pouncing, has a good CW filter with almost no ringing, and is generally less tiring to listen to. I can usually go way farther into the night on this sort of radio.

Hugh NV6H

From owner-boatanchors@gnu.ai.mit.edu Tue Dec 6 19:31:13 1994

Date: 06 Dec 94 14:45:25 EST
From: don merz <71333.144@compuserve.com>
Subject: Don's Wants
Message-Id: <941206194524_71333.144_DHQ49-1@CompuServe.COM>

Vintage Radio Gear Wanted

CONTACT: Don Merz, N3RHT: 47 Hazel Drive, Pittsburgh, PA 15228
412-234-8819 (weekdays, EST or leave a message anytime).

WANT LIST: I am looking for everything listed below for a fair price or trade. Good working condition preferred, others considered. Many Thanks.

WANTED: Vintage Ham Equipment

Antenna tuner for the Hallicrafters HT-4B transmitter (AT-2 or AT-3)
Military version (BC-939) considered.
Millen 90810 Power Supply
Millen 90xxx VHF Transmitter
Coils for Millen R9'er receiver preamp
Gonset Communicator IV (220mhz).
Gonset Communicator IV accessories, mics, mounts, anything.
Gonset Communicator IV parts units, any (but 2M version especially wanted).
Gonset: MSB-1 transceiver, G-77 or 77A transmitter
Morrow Mobile radios and accessories, any.

WANTED: Current Ham Equipment

Timewave DSP-9+
Autek RF Analyst Test Set

WANTED: RESTORATION PARTS

Ohmite pre-war dummy antenna resistors model 258. These are 250 watts but I'm not sure of the resistance.
Collins R-389 (VLF) modules, top and bottom covers. Need IF,AF and power supply modules. R390 modules will work (not R390A) and any R390 or R390A covers will work.
Probe(s) for RCA WV98C Senior Voltohmyst VTVM: WG-299D (easily recognizable by the blue cable) and WG-301A Crystal Diode Probe (no cable).
Metal cabinet for Jefferson Travis 350A transmitter/receiver. Also need wooden outer case and legs for this radio.
Hallicrafters HT-4 or BC-610 coil: 51C383 (1.5-2.0mhz)
Hallicrafters HT-4 or BC-610 tuning unit: TU-AA (1.5-2.0mhz)
Hallicrafters HT-4 or BC-610 vacuum capacitor: This is C28 that mounts in 2 clips in the top of the BC-610 and HT-4 transmitters. It is a large glass cap with a value of 55mmf at 32,000 volts.
Hallicrafters cable part #87A159 or similar. This is the cable that runs between the HT-4B transmitter and the HT-5B speech amplifier--octal plugs on both ends. I have a homebrew cable but I'd like to have an original.
National HRO 60 Coils: Any of E, F, G, H, J, AA, AB, AD

WANTED: Military

BC-342 receiver in excellent original condition with shockmount.
AN/ARC-2 or ARC-2A Transciever. Must be original.
Need BC-222 handset, battery or battery case, info
Navy GO-9 "LF" Transmitter. I have the power supply and HF Transmitter,
but I need the LF side and the accessories & mounting brackets
Navy TDE power supply (110vac, 60cps)
Bendix ATD components: CRR-47211 9050-15,800khz tuning unit
CRR-47207 200-540khz tuning unit
Navy RBM-x receiver shockmounts (the RBS-x shockmount will work too). Two
needed. Also need cables for power supply and remote control cables for
this radio.
Number 19 Mark II remote cable, control box(es), "A" set antenna with
variometer, "B" set antenna, P-19 headphones and canvas cover
SCR-284 (BC-654 or 654A) antennas (MS-56 & MS-5x), GY-11 guys, P-19
headphones, BG-58 bag and original power connector
SCR-536 (BC-611) Walkie-Talkies w/US Data Plate or parts units
SCR-536 (BC-611) accessories: AT-190 DF Loop antenna, cases, storage chests
SCR-694 (BC-1306) accessories (BX-54A box & BG-173 bag), vibrator supply
PRC-64 (Delco 5300) set with or w/o accessories. OR Delco 1600 OR 3200
Marine TBX Accessories: key, mic, headphones
Marine TBY Accessories: CRH-26013A key, whip antenna, CSS-10039A canvas bag

WANTED: Tubes. Must be new or used, guaranteed to be good. Need multiples
of each type.

47 83 307A 801 803 807 812 812A 813 814 837 866A
5647 5899 5Z3 2A3 100TH 250TH 1616 5R4 5V4 6BE6
913(pre-war CRT)

WANTED: Manuals (originals preferred, photocopies okay)

Hallicrafters HT-4B Manual. As close as I've been able to come to this one
is a manual copy from an HT-4C. I'd love to have a real "B" manual
though, even a photocopy.
R-105A/ARR-15 Manual
Navy RBM-3 receiver manual. RBM 4 or 5 manual will work too...
BC-222 Manual, schematics, info
Navy Collins-made TCS-5 Manual, TCS PP-280/U power supply manual
Navy TDE transmitter Manual
Military BC-325-B (made by Federal Telegraph) Manual
Jefferson Travis 350A transmitter/receiver manual
Waterman S-11-A "Pocketscope" manual
Gonset Communicator IV (6 meters) Manual
Millen 90881 RF Deck Manual
Millen 90203 'scope Manual

WANTED: Reference Literature

CQ, CQ, WANTED, CQ MAGAZINE: 1940's and 50's singles issues wanted--please

send me your list. 1960's whole years oly.
RADIO magazine, 1934 and earlier, January, 1936, or 1942 - 1946
QST Magazine: 1941-45, 1951-55 and 1985 - 1989
ARRL Antenna Books, 1st, 4th and 6th editions
ARRL Handbooks: 1926, 1931, 1939, 1941, 1959
Any issues of the RCA Review

WANTED: Antennas and Related

Coax switches. Need 2 name brand five position switches rated for VHF service
Coax switches. Need 2 name brand five position switches rated for HF service
9913 coax--must be new, unused in 100' or greater lengths
Create CLP 5130-2 105mhz - 1300mhz Log Periodic Antenna

From owner-boatanchors@gnu.ai.mit.edu Tue Dec 6 18:37:32 1994
Message-Id: <n1425410408.72497@cpqm.saic.com>
Date: 6 Dec 1994 14:07:31 U
From: "Bob Scott" <Bob_Scott@cpqm.saic.com>
Subject: Drake MN-2000 Info

Thought you all might find this of interest. 73 Bob AC4QO

Theodore J. Bittner (tjb9c@galen.med.Virginia.EDU) wrote:

: ... I am wondering if
: anyone could give me any info regarding their opinions on the
: old Drake MN2000/7000 tuners. I know nothing about them (only
: been ham 4 yrs) but was told they're built like battleships. ...

I've never heard of an MN7000. Perhaps you mean the MN2700? That was the one that went with the 7-line (TR7 etc.). The MN2000 went with the 4-line (TR4, T4X, R4). The low-power (150W) versions are the MN-7 and MN-4, respectively.

The MN2700 is basically the same as a repackaged MN2000 except it has the 160 meter band added. They both are very nice tuners. (The fact I designed the MN2700 has nothing to do with that opinion! :-)

They have a built-in SWR meter and antenna switch which helps reduce the wiring rats nest in the shack. They are conservatively rated and have a max insertion loss spec (0.5 dB as I recall) which is very rare among amateur tuners. They are easier to tune up than most tuners and have good harmonic rejection due to the PI-L network employed. The disadvantage of the PI-L is a relatively restricted tuning range: The spec says 5:1 SWR at any phase angle, although they will do much better than that at phase angles around 0 degrees (high-impedance antenna load.)

AL N1AL

From owner-boatanchors@gnu.ai.mit.edu Tue Dec 6 21:46:17 1994
From: janderson@polycom.com
Date: Tue, 06 Dec 94 14:55:20 PST
Message-Id: <9411067867.AA786754520@ccsmtpgw.polycom.com>
Subject: Further comments on Musty Books

I finally was able to contact the book conservationist at the Stanford University Library, who told me the following:

- o The musty odor is caused by low-volatility residues of mildew.
- o These volatile odors can be driven off by heat. She recommends placing the books in an oven that has been pre-heated to 120 - 150 degrees (whatever its lowest setting is: pre-heat, then turn off before placing books inside). Be sure that the books are open with the pages fanned, and leave them in there for some number of hours.

You can also put them outside to air on a dry and sunny day.

(Interestingly, Stanford doesn't use the heat method to get rid of the odor, as heat also accelerates the book's natural decay process.)

- o If the books are kept inside a normally heated house, the mildew shouldn't return, as the humidity is too low (needs to be less than about 60 percent).
- o I mentioned that at least one of my books had a powdery residue between the pages. This is the remains of the mildew (its spores?) and she said that this can be easily cleaned off with a brush, for instance, but it should be done outside, and you should wear gloves and a dust mask, as overexposure can cause allergic reactions in some people.

That's it! Now on to the book-cleaning...

Cheers,

- Jeff, WA6AHL

From owner-boatanchors@gnu.ai.mit.edu Tue Dec 6 11:41:51 1994
From: "Skelton, Tom" <TSkelton@engineer.clemsonsc.ncr.com>
Subject: FW: BA Brainwashing
Date: Tue, 06 Dec 94 09:48:00 PST
Message-Id: <2EE4A410@admin.ClemsonSC.NCR.COM>

>From: owner-boatanchors
To: BOATANCHORS
Subject: Re: BA Brainwashing
Date: Monday, December 05, 1994 10:36PM

On Mon, 5 Dec 1994, James C Reid wrote:

> Hi Gang,
> I don't know about the rest of you, but since I've been receiving this
> list, I think my way of thinking about things has changed. I have even a
> stronger craving to collect and utilize a lot of OTHER things from the
past.
> Not just BA equipment.

And...

> I am seriously considering taking a couple major steps backwards in
> technology, despite the ridicule I might suffer. Anyone else feel this
> way or am I just a nut?

I believe that you are among friends and kindred spirits Jim.

73,

Tony
K4KY0

I think a lot of this ties into the fact that many of us realize the
old values our parents and grandparents taught us don't change
with time. My spring goal is to locate a small desktop BA receiver

(HQ100, S38, etc) for me and my 2 sons to start restoring together. We spend a lot of time on schoolwork and sports together, but I want them to share my fervor with amateur radio, too.

73 Tom WB4iUX
Tom.Skelton@ClemsonSC.NCR.COM

From owner-boatanchors@gnu.ai.mit.edu Tue Dec 6 14:34:43 1994
Date: Tue, 6 Dec 94 11:22:18 EST
From: dennis@irissun2.fp.trw.com (Dennis Gibbs)
Message-Id: <9412061622.AA04065@irissun2>
Subject: Goodbye

Greetings fellow boatanchor enthusiasts,

I am temporarily leaving this list after having been a subscriber for almost two years. I am changing jobs and will not have internet access for almost two months.

I just wanted to tell everyone how much I have enjoyed this group. I have been an Internet "enthusiast" for over 11 years now, and I have enjoyed this group more than any other. It has certainly added to my enjoyment of the hobby!

Good Luck to everyone, and I hope to rejoin the list within a couple of months.

Best regards,

Dennis Gibbs

From owner-boatanchors@gnu.ai.mit.edu Tue Dec 6 01:31:55 1994
Date: Mon, 5 Dec 1994 22:47:27 -0500 (EST)
From: Tony Stalls <rstalls@access.digex.net>
Subject: Re: hamfest report - Greensboro NC
Message-Id: <Pine.SUN.3.91.941205223835.27959B-1000000@access1.digex.net>

On Mon, 5 Dec 1994, Nick England wrote:

>

> begin soapbox mode -

> The organizers seem (like far too many people for my taste) to think
> that hamfests are made for ricebox dealers rather than for Real Hams (tm).

That's the way of the world. The Japanese radio makers have the bucks and they buy anything they want, like the whole hobby, but we've already covered that. Another thing there's too much of are the completely non-radio related computer software, games, etc. In fact computers seem to be taking over hamfests. It's tempting for the sponsors to add to their receipts with all these guys, but they're coming close to outnumbering the hams. One local area now calls theirs a Ham and Computerfest. I'd like to see areas at hamfests devoted to boatanchors. We need to let the organizers know.

73,

Tony
K4KY0

From owner-boatanchors@gnu.ai.mit.edu Tue Dec 6 20:54:46 1994
Date: Tue, 6 Dec 1994 13:20:57 -0800 (PST)
From: Cal Eustaquio <ceustaqu@ohm.elee.calpoly.edu>
Subject: Hammarlund SP-200,BC-779,SP-100, 110, 210,or 400 wanted
Message-Id: <Pine.ULT.3.91.941206131641.22824A-1000000@ohm.elee.calpoly.edu>

Hello:

I'm looking for an excellent to mint condition SP-200, 100, 110, 210, 400, or BC-779, BC-1004 family series of receivers with matching power supplies. Any leads anyone. Thanks and 73's. Cal, N6KYR. P.S. On the SP-400's, the panels can be in bad shape (still no mods). Just be sure the rest of the unit is o.k.

From owner-boatanchors@gnu.ai.mit.edu Tue Dec 6 17:39:38 1994
Date: Tue, 6 Dec 94 13:30:20 EST
From: mallick@ausable.crd.ge.com (John Mallick)
Message-Id: <9412061830.AA29554@ausable.crd.Ge.Com>
Subject: Johnson Ranger PTT and modulator current...

OK, here's a question for your EFJ fans. My Ranger-I has the PTT mod in it. The PTT relay basically switches the keying line and activates the deadly 120VAC relay socket in the back. When switched to PHONE with PTT in the receive mode, I notice that if I speak into the microphone, the modulator plate current swings up (of course, with the final off, there's nothing to modulate). I also hear a bit of distorted RF in the receiver.

So...is this doing any harm to the modulation transformer? Is there a good way of disabling the modulator without putting in a relay for the B+? Maybe re-biasing the modulators or somehow cutting off the screen voltage? Inquiring minds want to know.

73, John WA1HNL

From owner-boatanchors@gnu.ai.mit.edu Tue Dec 6 09:32:03 1994
Message-Id: <9412061306.AA19172@wrdis01.robins.af.mil>
Date: Tue, 6 Dec 94 08:06:47 -0500
From: lakeith@wrdis01.robins.af.mil (Larry Keith Mr.)
Subject: Just what I needed, more tubes..

One of the local guys wants to trade me a quantity of tubes for one of my non-BA rigs. Before I jump into this one, I thought I would ask a couple of questions.

Has anyone ever used a 8122 tube? The data in the ARRL handbook indicates that the primary use is as a class C amp up to 500 mc and the power rating is 500 watts. Reasonable price for "used" tube?

The other mystery is a 4CX1500B. I could not find any data on this one. Any clues?

Thanks for the help!

73,

Larry, KQ4BY

From owner-boatanchors@gnu.ai.mit.edu Tue Dec 6 13:11:37 1994
Message-Id: <9412061511.AA19286@kropotkin.gnu.ai.mit.edu>
Date: Tue, 06 Dec 94 08:59:30 CST
From: "Stephen M. Linscott" <LINSCOT@ricevm1.rice.edu>
Subject: Re: Just what I needed, more tubes..

On Tue, 6 Dec 94 08:06:47 -0500 you said:

>One of the local guys wants to trade me a quantity of tubes for one of
>my non-BA rigs. Before I jump into this one, I thought I would ask a
>couple of questions.

>

>Has anyone ever used a 8122 tube?

While giving me a tour of Eimac, Bill Orr (W6SAI) told me the following story as we were watching a woman hand-wind the grid of a 4X150A: Eimac and RCA made 8122's. RCA built a machine to wind the grids, and lowered the price enough that Eimac quit making them. The problem is that machine winding does not relieve the stress in the wire, and when the tubes heat and cool several times, the grids warp and sometimes short. This is why 8122's have a high failure rate, and why owners of the Hallicrafter linears that used them kept several spares. This was in the early 70's (I think), and Eimac was still making 4X150A's for spares on government contracts, with hand-wound grids!

- Steve -

* Steve Linscott W5EGP *
* IS User Services *
* Rice University Houston, Texas *

From owner-boatanchors@gnu.ai.mit.edu Tue Dec 6 17:42:46 1994
Message-Id: <199412061800.KAA10907@wink.corp.sgi.com>
Subject: KFS and Morse headlights in QST
Date: Tue, 06 Dec 94 10:00:11 -0800
From: David Watson <watson@wink.corp.sgi.com>

Someone here picked up the newspaper article I typed into this mailing list about a KFS CW operator flashing his car headlights to the O'Brien as the ship returned to San Francisco. It appears on page 12 of the December QST magazine with an acknowledgement to me (I hardly deserve one; I didn't write the article -- but they also credited the author and the newspaper).

I certainly don't mind any of this. It has resulted in some good publicity for KFS (who deserve it, in my opinion). I've met some of the good people involved, and even been given a friendly tour of the station, which is near my home, as a result.

But I thought I'd just mention what happened, in case someone else wants to post something here, and would prefer not to be repeated in a national magazine. This time, no one warned me what would happen. For me, it was a very nice surprise, but, based on what I've heard about some people's views of email ethics, someone else might prefer to be asked first.

Thanks,
-David. AC6GK (formerly KE6BWJ)

From owner-boatanchors@gnu.ai.mit.edu Tue Dec 6 23:18:06 1994
Date: Tue, 6 Dec 94 20:28:38 -0500
From: ornitz@emn.com (Barry L. Ornitz)
Message-Id: <9412070128.AA28699@dua150.kpt.emn.com>
Subject: RE: Killing Mildew (also antioxidants and plasticizers)

Steve Modena, AB4EL, responded to my post about killing mildew with para:

>Well, you can find it in hardware stores...ask for urinal deoderant

>cakes. It's solid p-dichloro-benzene plus deoderant plus color.

I doubt if there is much deodorant in it. That raunchy smell is probably pure paradichlorobenzene. Monochlorobenzene is one of the few things I find worse smelling!

>> I used a mixture of pentane and hexane to dissolve the para, and used a

>Hexane isn't so bad, but pentane is sooooo much more volatile...you should
>understand the flamability danger involved.

I used a mixture of alkanes because of the much lower likelihood of the solvent dissolving the paint, lacquers, or varnishes on the books. [Pentane is also a good solvent for many pressure sensitive adhesives.] Yes, these materials do have a high vapor pressure. However in applications like this, what is important is that the solvent is mixed in enough air that it all evaporates. In this situation, flammability limits become more important. On a percentage by volume basis, the lower and upper explosive limits of the following solvents in air are:

Material:	LEL	UEL
isobutane	1.80	8.44
n-pentane	1.40	7.80
isopentane	1.32	
hexane	1.18	7.40
heptane	1.10	6.70
octane	0.95	
benzene	1.40	7.10
toluene	1.27	6.75
methylethyl ketone	1.81	9.50
ethanol	3.28	18.95
turpentine	0.80	
ethylene dichloride	6.20	15.90

All of the above can be found in various paint products. Those below octane, however, are too aggressive in their solvent action. Those above are very similar in their flammability characteristics. Leaving an open container of pentane near an ignition source is dangerous. Spraying any solvent or solvent containing paint near an ignition source is asking for trouble. PLEASE, FOLKS... HEED THE CAUTIONS ABOUT FLAMMABILITY!

>I worked in a barrel factory... (story about industrial accident deleted)

It sounds like the barrel factory could have used a much better safety training program. [As an aside, if I were to be doused with a burning solvent, I would prefer it be pentane over the higher molecular weight solvents. Email me if you wish to go into why this is so.]

```
>Yeap! This stuff is toxic to your and any living thing's DNA! That's
>how it works. And yes, it does it by being slowly volatile...like
>the flea collar on your pet dog or room mosquito strip.
```

To be technically correct here, the chlorinated aromatic, para, is toxic as are almost all halogenated organics at high enough levels. Polychlorinated biphenyls (PCB's) are somewhat similar chemically and they are DAMN nasty. The volatility of the para just insures that the vapors seep into enclosed spaces; it has little to do with the toxicity itself.

>I agree with what Barry is saying...and I'd think about what Barry is
>saying before you do it. :^)

In a later discussion with the person who originally asked about removing odors (and killing mildew) in books, I mentioned that the spraying was done to quickly destroy the mildew. If you have enough time, sealing your books up with para in the container and letting it diffuse through the books slowly is fine. It is certainly safer, but it may take months to be very effective.

>And about boatanchoring and cracking rubber on German headsets:

```
>Both natural rubber (a poly-isoprene) and "synthetic German rubber"
>(probably poly-butadiene) are degraded by atmospheric oxygen. This
>is retarded by adding in what are known as free-radical chain terminators.
>The flexibility and softness and temperature range effectiveness of the
>rubber properties is often controlled by adding a "plasticizer" compound.
>Rubber cracks either from oxygen attack or loss of plasticizer. Something
>like Armoral probably contains *both* a plasticizer and an anti-oxidant.
```

What little I know about Armor-All is from a friend at Dow who makes silicones for them and the fact that we recently picked up Armor-All as a customer for our line of plasticizers. I THINK Armor-All contains antioxidants, but I am not sure. (We make antioxidants here too.) Armor-All does have considerable silicone oil to coat, lubricate, and protect against future oxidation. It also contains plasticizers. Unfortunately, plasticizer is generally blended into a material when it is molded. It is difficult to add plasticizer at a later date and achieve levels approaching the original. However, I agree with Steve that Armor-All is worth trying in this situation.

```
>73/Steve/AB4EL    ab4el@Cybernetics.NET
```

73, Barry WA4VZQ

[illegible]

Dr. Barry L. Ornitz WA4VZQ

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/      Company      \
|Research Laboratories|
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Eastman Chemical Company Research Laboratories

Process Analyzer Research Laboratory
Custom Online Instrumentation for Manufacturing

Eastman Chemical Company
P.O. Box 1972, Eastman Road
Kingsport, TN 37662 - 5150
615/229-4904, FAX 615/229-4558
ornitz@emn.com

From owner-boatanchors@gnu.ai.mit.edu Tue Dec 6 20:17:57 1994
Date: 06 Dec 94 14:53:18 EST
From: don merz <71333.144@compuserve.com>
Subject: Literature...
Message-Id: <941206195317_71333.144_DHQ49-5@CompuServe.COM>

Vintage Radio Gear For Sale and Wanted

CONTACT: Don Merz, N3RHT: 47 Hazel Drive, Pittsburgh, PA 15228
412-234-8819 (weekdays, EST or leave a message anytime).

RADIO MAGAZINES

QST 1976, 1977, 1978, 1979: Complete years: \$8 each

CQ 1979, 80, 81, 82, 83, 87, 88, 89, 90, 91, 92: \$7 per year

73 1962 - 1980 complete. Mint original condition. \$160

AMSAT

NEWSLETTER 29 issues covering volume 4, #3 through Volume 11, #4.
(not complete). 1972 - 1979. Several neat extra early AMSAT
promotional brochures. As-new condition. \$20

VARIOUS HAM LITERATURE, "HB" = HardBack

Kenwood International Users Group Newsletter Volume 1, Number 1 through
Volume 30 complete. With indexes: \$11

1960-61 Radio Amateur Callbook (U.S.). Cover poor. \$15

1971-72 Foreign Radio Amateur Callbook. Good: \$14

Radio Amateur Callbook Magazine, Winter 1935-36, cover rough. \$18

ICS Radio Operators Handbook, 1924, 1st Edition. HB: \$27

Practical Wireless Telegraphy, Elmer Bucher, 1921, SPARK!, HB: \$44

Servicing Superheterodynes, Rider, HB: \$22

Sams Ham Antenna Construction Projects, 1963, 1st Edition: \$11
World Radio/TV Handbooks, As-new: 1979: \$10
1985: \$7
1987: \$7
73 Vertical, Beam and Triangle Antennas by Ed Noll, 1970: \$7
CQ-DX Annual. 1948. 1st Edition, 1st Printing. \$13
The Audio Tape Recorder Directory, 1959-1960, fair: \$2
Bell System Technical Journal, Index to Volume 9, 1930: \$3
Rohn Tower Catalog, 1980. Useful reference for buying used towers: \$2

WORLD'S FAIR

Official Guide Book To The 1939 New York World's Fair. Excellent condition with covers. Make an offer.

11 METERS

Sams Handbook of CB Radio Repair, dated 1961, Sams #CB-1: \$12
* Includes schematics, alignment and repair notes for Apelco AR-9, Globe CB-100, Gonset G-11 and G-12, Hallicrafters CB-1, Heath CB-1, Lafayette HE-15, Morrow CB-1, RCA P2 and P3 and models by Citi-Fone, Regency, Radson, Raytheon, U.S.L., Viking and Vocaline.

ARRL PUBLICATIONS	1927 ARRL Handbook. Loose cover. \$66
	1932 ARRL Handbook. Water Damage. \$33
	1956 ARRL "Operating An Amateur Radio Station:" \$3
	1958 ARRL "Operating An Amateur Radio Station:" \$3
	ARRL Antenna Book, 4th Edition, 1946: \$10
	ARRL Hints & Kinks, 1978: \$6
	Fifty Years Of The ARRL, 1981, 1st Edition: \$8

CATALOGS

Allied
1963 Supplement. New-in-mailer. \$3
Laffayette
1948 Laffayette Concord "Christmas Book." Very Good. \$9
Other Catalogs
1938 Modell's "Electrical Essentials." Catalog. Mostly Appliances.
New-in-mailer. \$16
Swan Color Brochures from 1979. Covers 100MX, 102BX and 150 models. New. \$2
Heath Company "Time Payment Book" cover only. IBM punch-card style. \$1
1957 Grommes (Precision) catalog. Small, B&W. Excellent: \$3

Audels "Trade Books for Mechanics" catalog. About 1950. As-new. \$3
RCA Institutes catalog. 1958. In original mailer. \$4
NRI "How To Reach The Top Jobs In TV" course catalog and sales brochure.
In original mailer. \$3
Newark 1979 catalog. \$6

BOATANCHOR MANUALS

Collins 75A4 professional photocopy: \$12
Drake TR-3. Excellent. \$16
Hallicrafters HT-12 Manual Photocopy: \$5
Hallicrafters S-40A clean photocopy. \$8
Hallicrafters S-40 good photocopy. \$8
Hallicrafters 5R40 Manual. Original, excellent: \$12
Heathkit HWA-2036-3 Power Supply Assembly Manual. As-new. \$5
Kenwood T599A original manual. \$19
RCA 8516 Marine Receiver manual photocopy: \$9
Swan 250C Manual Photocopy: \$11

BROADCAST RADIO-TV LITERATURE, SERVICE DATA, TEST GEAR MANUALS

Heath TS-1A TV Alignment Generator original manual. Very Early Heath: \$4
Sylvania TV/FM Sweep Signal Generator Type 500 original manual: \$6
Sylvania TV Marker Generator Type 501 original manual: \$6
Mallory 101 UHF TV Converter Original User/Service manual: \$7
Sams Modular Hi-Fi Service Manual Volume 12 (1971) \$3
Sams Photofact Annual Indexes. Each index covers all Sams photofacts, and all
Sams publications from photofact #1 in 1946 through the year of the index.
\$3 each. Years Available: 1975, 1976, 1977, 1978, 1979, 1980
Sams (Radio) Photofact number 1: \$27
Sams Photofacts numbers 3, 7, 8, 9: \$9 each
Sams Photofacts numbers 15, 16, 17, 29, 40: \$5 each
GE Television Receiver Service Guide. Large format. Starts with 800-series
sets (late 40's). Great "photo-index." \$8
Magnavox Television Schematics/Parts List 1948-1953. Large Format. Photos of
all Magnavox sets. Neat. \$8
Alliance Tenna-Rotor Service Manuals:
1-- Covers T-10, U-83, K-22, T-12, U-98, T-20, U-100, T-95, C-225: \$4
2-- Covers ATR, DIR, HIR, F-4, T-10, U-83, K-22, T-12, U-98: \$4
1971 RCA Reference Book-pocket-size, good: \$3

Instruction book for Sears Silvertone 682 radio/phonograph. As-new. \$3
Knight-kit 5 tube AM radio assembly manual. As-new: \$3

ANTIQUe TUBE TYPES: \$3 each. Used, Tested, Guaranteed To Be Good.

>Yeap! This stuff is toxic to your and any living thing's DNA! That's
>how it works. And yes, it does it by being slowly volatile...like
>the flea collar on your pet dog or room mosquito strip.
>
>> FINAL REMINDERS: Paradichlorobenzene is fairly toxic so avoid skin contact
>> and breathing the fumes. The solvents are very flammable and potentially
>> explosive. Be careful! You want to be around to enjoy the boatanchors you
>> so tenderly restored.
>
>73/Steve/AB4EL ab4el@Cybernetics.NET

My contribution: First off, my apologies to the readership for the somewhat excessive quotations from the preceeding posts. However, I wish to further question the HEALTH AND SAFETY aspect of this technique, so I wanted all of the info to be in one message.

I am glad to see that there are some people who know something about chemistry! I myself switched majors Junior year into Chemical Engineering, so that pretty well disqualifies me from the standpoint of most chemists :). However, a career in manufacturing engineering, process development, and industrial safety in process plants have taught me a healthy respect for these matters. Basically, my hair stood on end as I read the original technique in Mr. Ornitz's message!

I have been out of that field for quite a few years; however, I seem to remember that benzene, and most substituted benzene compounds were pretty nicely carcinogenic! I guess p-dichlorobenzene must not be, for some reason, if it is still in use as a urinal deodorant, which obviously evaporates! But the idea of dissolving it in hexane (isn't that also an extremely noxious solvent?), and then, spraying it at/around/near/ outside your home, sounds like an excellent way to absorb a huge quantity compared to what you would get in 10 years of daily use of the restroom at work! Also, to use these dangerous solvents is a recipe for horrible injury or death from burns. Even storage of such materials is extremely dangerous, even in a few ounce quantities.

The advice, "Be ready for the unexpected", is IMHO inappropriate for the home hobbyist, however skilled. There is NO way to be prepared for this kind of fire hazard at home. NOBODY has the kind of protective clothing, fume hoods, respirators, and MOST IMPORTANTLY, trained or aware ASSISTANCE that would be REQUIRED in any legal industrial environment. Do you have someone standing by, with a fire extinguisher, fire blanket, etc. as you do your boatanchor or other restoration work? Working alone in industry can be an immediate ticket to either the morgue, or to being fired for cause.

In addition to long-term carcinogenic or toxic effects, and explosion/ fire hazards, we must watch out for immediate medical reactions, like

allergic or shock responses, if we get a whiff or splash on our skin the concentrated solvent and/or herbicidal reagent. A sudden, severe asthma and/or cardiopulmonary attack or allergy can mean silent keydom for you, and widowhood for the XYL (or if your insurance is paid up, merry widowhood :(). Even for a young, otherwise healthy person.

Sorry to be a fear-monger (they used to hate me for that where I used to work, but that was what I was paid for). Any comments? The chemists are now invited to jump in with the facts.

73,

Kalman Laudon, AA2UQ CW, QRP, Hollow State Radios, and CW!!
<klaudon@pica.army.mil>
previously - WD6CZI, WA1SUF
"Get your facts first, then you may distort them as you please." - Mark Twain

From owner-boatanchors@gnu.ai.mit.edu Tue Dec 6 20:19:22 1994
Date: 06 Dec 94 14:51:13 EST
From: don merz <71333.144@compuserve.com>
Subject: Military Gear
Message-Id: <941206195112_71333.144_DHQ49-4@CompuServe.COM>

Vintage Radio Gear For Sale and Wanted

CONTACT: Don Merz, N3RHT: 47 Hazel Drive, Pittsburgh, PA 15228
412-234-8819 (weekdays, EST or leave a message anytime).

MILITARY RADIOS AND EQUIPMENT

Collins TCS-12 Radio. Transmitter, Receiver, Dynamotor, Cables, noise limiter kit, antenna loading coil, cables and control box. All except the control box and loading coil are made by Collins and excellent, unused in their original military shipping boxes. The control box and loading coil are used in good condition. The transmitter and receiver have some scuffs at the corners (from being improperly repacked after they had been opened). And the receiver has a small chip of paint off of the face. But (except for the control box and loading coil) everything looks excellent or better. The transmitter is gray and the receiver is black. The dynamotor supply and noise limiter kit are brand new, unopened in the original packaging.
Last "12" set left. Incredible! \$419

TCS-5. Early Collins-made TCS set with gray transmitter and black receiver. These are not quite new-in-the-box, but they look absolutely sparkling. With antenna loading coil (used), noise blanker kit (new-in-box), cables and control box (used) and complete spares kit plus dynamotor supply brand new

in unopened wooden crate. Excellent+. Last "5" set left. \$419
Collins TCS dynamotor supply. New-in-unopened-packaging. Mint. \$119. One left.
Collins TCS noise limiter kits. New-in-packaging. \$21 each. 3 left.
TCS spares kit. New-in-unopened-original-packaging. \$69. One left.
Collins TCS-12 110vac supply PP-380/U. The most rare TCS accessory. Plug-in replacement for the dynamotor supply using same cables. I have several of these in varying conditions:

- Parts set, cosmetically and electrically rough: \$33 each
- Cosmetically poor, electrically restorable: \$49
- Cosmetically fair and electrically good: \$75
- Cosmetically and electrically very good: \$109
- Cosmetically and electrically excellent: \$159

TBX-6. WWII-vintage transmitter-receiver used by the Marines throughout the Pacific war. This one is the most complete set I have ever seen. Inside the scruffy, weathered transit case, the set is not quite brand new. It includes EVERYTHING: all the canvas bags, radio, battery box, hand generator, key, mic, headphones, antennas and a almost complete set of spares. Serial number 41. The transit case is rough but restorable. The zippers on the canvas bags need work to loosen and lubricate them. But the canvas bags look brand new. Overall the entire set is in near-mint condition. Many of the accessories are untouched in their original packaging. Unbelievable! \$1,195

TBX-6 transmitter/receiver only. WWII marine HF transmitter/receiver. With cover and calibration charts. Nice set in excellent condition. \$219.

TBX-8 transmitter/receiver only. Famous WWII-era set used to support all of the Marine Corps amphibious landings in the Pacific. Extra-nice original condition. \$219

EF-8 gas generator. This is the principle power unit for the TBX. With gas can, oil can and spares kit and cable (!--it may be worth is just to find that!) all in beat-up transit case. New. Opened, but never used and never unsealed. \$125 + a big shipping bill.

Navy WWII RBC-6 HF receiver. Big, gray unit with separate CRV-20130-B rectifier power supply. One meter case is cracked. Otherwise nice. With power cable but without cable that goes between rectifier and radio. W7FG has the manual for this one. Untested, all original. \$199

Navy WWII-vintage RDO receiver mde by E. H. Scott. VHF/UHF. Continuous tuning. Lots of filter and selectivity options. Complete. No mods. Untested. 110v 60cps powered. Nice shape. \$139

Navy RBA-7 VLF receiver. 16khz - 600khz. Appears to be brand new inside. Outside has some scuffs and scrapes but no modifications. Incredibly well built with ceramic tube sockets, bus-bar wiring and ball-bearings at both ends of the tuning capacitor. Untested. \$219

Navy RBZ "brick" receivers. This is an HF receiver-only designed for portable, hands-free use. It looks like a 12 inch long, olive drab 2x4. The receiver only has 2 controls, volume and tuning, and 3 connectors, headset, power and antenna. It tunes 1.9mhz-5.8mhz. The separate battery box looks identical minus the controls as does the 110vac supply. The antenna is just a short cord with a clamp apparently designed to clip on

to the operator's steel helmet! The headphone elements are mounted in a thin cloth head cover designed to be worn under a helmet.

Complete RBZ: Receiver, battery box, AC supply, headset and antenna cord. Excellent. \$269

Partial RBZ set: Receiver and AC supply only. Nice: \$149

RBZ AC supply only. Case has large unoriginal hole in side: \$49

RBZ AC supply chassis only. No case or tubes. \$25

DAG-x direction finders. This is a WWII-vintage Navy RDF set with separate loop and sense (whip) antennas that plug in to the top. The whole thing is in an 18" square, 6" deep metal suitcase with a leather handle. The receiver is HF covering about 2-20mhz in 3 bands. The receiver sits in the top half of the suitcase with the battery compartment and headset storage compartment below. The 2 antennas store in clips inside the suitcase lid. I have 3 of these, all different:

DAG: This is apparently the original model (since it has no -1 or -2 behind the "DAG" on the tag.) This one is not right at all. The case is O.D. but the receiver is Navy gray and the case serial number (#518) and radio serial number (#350) don't match. It is missing both antennas and the battery box cover. But what is here is in excellent condition. \$109

DAG-1: This is the most common (if any of these can be called "common") model and my best example. It is complete in every respect including both antennas and the original headset (which is brand new in the original wrapping). Serial #158. Color is olive drab. Excellent+. \$289

DAG-2: I don't think too many of these were made. This one is serial number 4. It is Navy Gray. No sense whip antenna and no headset. Excellent+ condition. \$199

SCR-300/BC-1000 backpack radio. WWII-vintage backpack set used throughout the war. Includes radio, battery box, cable, short antenna, all canvas straps and several of the pads and bags. No earphones, lip mic, handset or other antennas. The radio has a few dents and a weathered look to it. But it still looks sharp. The canvas straps, bags and pads are near-mint. This is genuine WWII-vintage Signal Corps-issue. Don't mistake this one for 1960's-vintage Fair Radio NATO surplus--this is the real thing. Tubes not included. \$149

Military PP-114/VRC-3 vibrator power supply for the SCR-300 (BC-1000) WWII vintage backpack radio. Used, excellent. Three left. \$65 each.

Military ID6/APN4 Indicator. From WWII radar set, I think. Nice front panel but black wrinkle on case is flaking. No mods. Untested. \$79

Another ID6/APN4 Indicator. Missing 3 knobs and one lever switch has been removed. Nice front panel. No unoriginal holes. Untested. \$43

Radio Station RS-6. Issued to pilots flying over enemy lines and "spies" operating behind the lines during the 50's and 60's cold war. This is a little 4-part rig that cables together into a slick HF set. Transmitter has fold-out telegraph key. Each unit is about the size of a small cassette recorder. All four units included. Used in fair condition. No power cable or instruction cards. Transmitter power connector has been modified. Untested.

Manual photocopy included. \$189/set. If you're not familiar with this radio, send me a SASE and I'll send you a photocopy of the write-up from the February, 1993 AWA Old Timer's Bulletin.

Military "ATR" 2-position receiver rack. The "ATR" packaging was the standard for military aircraft receivers by the end of WWII and through the Korean War era. So this rack fits receivers like the ARB, ARR-15, ARR-5, ARR-7 and many others. The connecting cable box is included but the connectors are missing. The nomenclature tag has been removed.

Lord shock-mount feet included. Nice shape. \$79

Military CY-1218 Control Box. This is the transmitter/dual receiver operating control set from AN/GRC-38, the successor to the SCR-299, 399 and 499 trucks. So this was designed to control a BC-610I and two Hallicrafters SX-73 receivers. It allows for two local operating positions and one remote (via field telephone). This control box looks very similar to the JB-70 control box in the SCR-399. A pretty sexy add-on to your BC-610 setup--plug-n-play with any BC-610 between the BC-614 speech amp and any two receivers. Made by Hallicrafters. Excellent condition. With AN/GRC-38 partial manual copy. \$179

Military WWII Navy target transmitter CFT-52300, part of radio DAQ. Covers 1.5mhz to 22mhz. Uses 2 tubes--3B7, 1R5. Made in 1943 by Federal Telegraph. Uses National PW dial for tuning. Runs on batteries. Brand new in canvas carry bag. \$65

DY-88 vibrator/dynamotor supply, as-is, unworking: \$33

BC-1335 WWII jeep radio with battery box. Good, untested. \$69

BC-1335 WWII jeep radio with battery box and battery charger. Used, good, untested. \$99

RM-13J remote control unit. This is the one with the handset cradle on top. Used, excellent: \$33

BC-611 crystal/coil set. Includes all crystals and coils for the SCR-536 (BC-611) handie-talkie. Near mint in original BX-49 wooden box. Also includes one spare set of tubes. \$145. Last one.

BC-611 switch cover. Strap-on cover prevents accidental transmission. New-in packaging. Last one. \$7

BC-611 top cover, battery contact and antenna cover. Used, good. \$11

BC-611 Used test sets: \$159 each. WWII issue, not the later round-meter type.

Military WWII BD-71 field switchboard. For EE-8 phones and/or RM-29 hookups to the SCR-284 radio and many others. The wire-line-to-radio workhorse of the war. With legs. Missing pilot light lenses and some small parts.

Good condition otherwise. \$45

ZB-3 homing accessory sets. Originally built for Navy RU and ARA equipment, these were most commonly found installed with ARC-5 sets. Made in 1941 by Western Electric, the ZB-3 is a frequency converter that delivers a 234mhz to 258mhz signal into a receiver that can tune the range 530 - 840khz. Power is supplied by the receiver. Type 954 acorn tubes are used. These sets include the homing adapter, slipcover, pilot's control box, switching relay, connectors and "homing decode cards." Brand-new-in-original-box. With original manual: \$49 each. With manual photocopy: \$39 each. Five left.

RCA AVR-104 aircraft beacon radio sets covering 200khz-415khz. Brand new in

the box. Complete with manual. \$49 each. Two left.
WWII I-83H Dynamotor test stand. Tests all then-current 14v and 28v types.
Requires 16v and 32v input. Made by Espey mfg in 1943. Used, good. \$45
Signal Corps "Lord" shock mount "feet." These are the equipment feet that
are about 2" square and 1" deep made of steel with a semi-flexible rubber
center with a hole for a 1/4" bolt. As-new. \$1.50 each. Have many to sell.

MILITARY DYNAMOTORS

Westinghouse 2-B-6534 dynamotor, 24v in , 300v out @ 70ma, w/mount: \$19
DM-25 dynamotor, no data: \$9
Early ARC-5 11826 dynamotor, 14v in, 250v out @ 60ma, no mount: \$16
Westinghouse DM-34-D dynamotor, 14v in. 200v out @ 80ma, mount modified: \$23
Zenith DM-64A dynamotor, 14v in, 275v out @ 150ma, with mount.
For BC-603/683, I think. \$29

MILITARY MISCELLANY

BC-654 (SCR-284) legs. These clip onto the BC-654 case and make it into a
real field set! \$34/set of four.
GN-4x legs: These are the straight legs that clip onto the GN-4x generators.
\$17/set of 2.
GN-4x generator handles: \$12/pair.
GN-4x leg with wooden seat. Excellent condition. \$11 each
Military TS-13E handset. Used on the BC-1306 and other WWII-era backpack
radios. New-in-original box. \$21
Another TS-13E, used, good: \$11
General Radio 724A "Precision Wavemeter." Made under military order
number 5252-PHILA-44-05, this is an absorption-type wavemeter covering
16hz to 50mhz. It is in a felt-lined wooden case that is dirty and
weathered. But inside it is in near-mint condition. The instrument
itself has a beautiful wooden cabinet. The case also contains a bunch
of plug-in black bakelite heads. With instructions mounted in metal
frames. A treasure! \$109
Military Number 19 Mark II radio set microphone. Scarce accessory for the
number 19 set. Three to sell. One has British connector: \$23. Two with
no connector: \$13 each. One with no cord or connector: \$9. All Untested.
Military PRC-6 RDF loop antenna. Brand new in unopened original packaging.
Mint. \$35
Military CR-B5/U crystal case for Navy MAW (successor to the MAB/DAV
"para-talkies"). With all crystals. Good condition but clasp is
broken. \$18
Military Gibson-Girl generator and crank handle. This is the geared section
that you crank to generate power for the TX and turn the mechanical SOS
code wheel (included). Works great. Does not include actual transmitter
electronics. \$9

Canvas bag CS-76-B for the RM-29 remote control used with the SCR-284 and many others, fair condition with carry strap: \$19
Canvas bag BG-189 (for SCR-300??), like new: \$27 each. 2 to sell.
811A Tubes for the ART-13. Brand new American-made 811A tubes from the ATC (ART-13) spares kit. In JAN packaging marked "ATC Spares". Unopened. \$45/pair (AES's lowest price on NEW 811A tubes is \$35 EACH)
Military (or Hallicrafters) BC-610 (or HT-4x) tuning units:
TU-50 (4.0-5.0mhz), TU-52 (6.35-8.0mhz) and TU-48 (2.5-3.2mhz). \$14 each.
Military MP-73 mast base for mounting GRC-9 whip on vehicle or structure. Unused. \$25
Military ATD transmitter spare parts cards: Set of contents/manufacturers cards from the ATD spare parts chest. \$15
Astrocom headset with boom mic. Neat helicopter-driver's styling. With INT/RAD switch on cord. I'm guessing this is 1975-vintage. Complete and excellent. \$11
H-33 handsets. These were used on all the Korean-war era PRC equipment including the PRC-6, RT-70 and many others. These are all in good condition with U-229 connectors and either coiled or straight cords. Your choice: \$8 each.
H-33F/PT made by Audiosears. Coiled cord. 2 available.
H-33D/PT made by Shure. Straight cord.
H-33/PT made by Packard Bell. 1951 date. Straight cord.
Military mic: M-43/U University Sound dynamic. Round face on cone-shaped housing. Basically commercial mic painted green. Canon plug: \$6
H-250/U Handset for the PRC-25 and others. \$13
AN/GRM-55A PRC-25 test set. Excellent. \$33
Military BC-906D VHF frequency meter made by Philco in 1944. Brand new. \$23
Military A-62 Phantom Antenna for SCR-508 or SCR-528. As-new. \$14
Military A-27 "Phantom Antenna" for SCR 506/BC-193. Brand new. Unused. \$14
T-30V carbon throat mic switch: SW-141-v PTT switch only. No cord or mic. \$3
AN130A whip antenna (for BC-1000, SCR-300 backpack set) \$12
Signal Corps F15U RF bandpass filter on MT plate. \$6
R-14 headset with leather headband. PL-55 plug. \$11
JK-26 to PL-55 extension cord for ANB-H-1 headset. \$3 each.
Vietnam-era H-79 aircraft headphones with boom mic, nice: \$15

MILITARY TMs (Originals)

Military ARN-14/14C Manual TO-12R5-2ARN14-12. \$9 each. 2 to sell.
Military TRC-8 original manual: \$5
ART-13 original schematic from manual. \$4
TM 11-296 PRC-6 Use manual. About 1955: \$17
TM 11-4096 PRC-6 Field Maintenance Manual w/addendums: \$22

OTHER MILITARY LITERATURE (PHOTOCOPIES shipped Postage Paid (PPD))

TCS Partial Manual, covers the TCS-7 through TCS-12 sets along with all the usual accessories. Includes installation, maintenance, schematics and parts list sections. Theory sections are omitted (about 100 pages): \$16.95 PPD
TM11-230C, Radio Set SCR-694C (BC-1306) manual photocopy. 1944: \$19.95 PPD
Number 19 Mark III manual photocopy. Identical to the U.S.-made set, but for the Canadian and British versions. Decent, complete copy: \$14.95 PPD
NAVELEX 0967-LP-115-2010 "Technical Manual for Radio Receiving Sets AN/SRR-11, AN/SRR-12, AN/SRR-13 and AN/SRR-13A." Photocopy of all required info (200+ 2-sided pages). Schematics are on about 100 more pages of 8-1/2x14 paper. \$19.95 PPD
TM 11-487 Chapter 14, RADIO EQUIPMENT Photocopy. 1944. \$ 8.95 PPD
Covers ALL ground-to-ground radio equipment in service in all branches of the military in 1944. Does not cover radar, airborne and beacon gear. Photos and some diagrams (not schematics) are included. 131 2-sided pages.
ECOM-4451, HISTORY OF THE SQUAD RADIO Photocopy. 1976. \$ 8.95 PPD.
Covers the development of the "Handie-Talkie," from the earliest days (BC-611/PRC-6) through the "helmet-radio" (PRT-4/PRT-9) variations. Photos and diagrams are included. Backpack radios are not covered but some European sets are. 98 2-sided pages.
TM 11-235 BC-611 Use/maintenance manual copy. 1945. \$12.95 PPD.
CPRC-26: Royal Canadian School of Signals manual copy with all addendums. Fair copy. \$10.95 PPD

From owner-boatanchors@gnu.ai.mit.edu Tue Dec 6 17:56:23 1994
Date: Tue, 6 Dec 1994 14:06:00 -0500
From: Nick England <nick@cs.unc.edu>
Message-Id: <199412061906.0AA25582@altair.cs.unc.edu>
Subject: Mystery Speaker

While looking through some stuff last night, I came across this speaker pictured in the Sams Photofact for the HQ-129X, so I am now pretty sure that's what it is. I had previously suspected that, given the finish and feet looked like older Hammarlund, but a friend had said his old Hammarlund spkr had a logo on it. No logo appears in the Photofact photo, however.

Still open to trades if anyone needs a speaker for their older Hammarlund. Also have a Hallicrafters R-42 Bass Reflex spkr for trade.

I am looking for NC-300 (smooth finish), NC-303 (wrinkle finish) HRO-60, and HQ-170 (larger size) speakers.

Nick KD4CPL
nick@cs.unc.edu

From owner-boatanchors@gnu.ai.mit.edu Tue Dec 6 18:33:15 1994

Message-Id: <9412062027.AA28933@wrdis01.robins.af.mil>
Date: Tue, 6 Dec 94 15:27:39 -0500
From: lakeith@wrdis01.robins.af.mil (Larry Keith Mr.)
Subject: NATO Tactical Inverted V..

In my pre-Christmas trading frenzy, I am being offered a couple of NATO Tactical Inverted V Dipoles. From what I have been told, these consist of an eight segment center mast that is also the coaxial feedline along with 2 pieces of wire that are attached at the top of the mast/coax and then deployed in an inverted V configuration. These things come in a canvas case that was used to transport the antenna >from from one "tactical" location to another.

Other than being an interesting item and a possible field day antenna, I can't think of any reason why I would like to have them. Is anyone interested? If so, I will pursue the deal..

73,

Larry, KQ4BY

From owner-boatanchors@gnu.ai.mit.edu Tue Dec 6 19:39:39 1994
Date: 06 Dec 94 14:49:03 EST
From: don merz <71333.144@compuserve.com>
Subject: Odds...
Message-Id: <941206194903_71333.144_DHQ49-3@CompuServe.COM>

Vintage Radio Gear For Sale and Wanted

CONTACT: Don Merz, N3RHT: 47 Hazel Drive, Pittsburgh, PA 15228
412-234-8819 (weekdays, EST or leave a message anytime).

MICROPHONES

Sony ECM-370 electret condenser microphones. 1983-vintage. High quality recording mics. In like-new condition with long cords and wind/pop screens. \$39 each (2 left).

Almotronics 806 Uni-directional microphone. Sloping metallic-green one-piece design that would have done Andy Warhol proud. 1K impedance, dynamic. A few paint chips but very good condition. \$24

Astatic A-30 carbon (?) or crystal (?). Famous pre-war design that launched the Astatic "30" line of bullet mics. Brown with stand. Nice. \$24

Turner 999 (or 99.9!-that's what the name plate says). 1952-vintage. Looks like old Western Electric 618. Dark Gray in U-shaped cradle. Very good. \$24

Astatic (Dukane relabeled) DN-10. Appears to be brand new. \$23

Shield pre-war crystal mic. Looks like a downsized DN-10. 1930's vintage. With original desk stand. Good condition and one-of-a-kind. \$33

TRAINS AND MISCELLANEOUS

Kodak 16 Target 6 box camera. Excellent. \$7

Texas Instruments SR-11 calculator. One of the originals. \$8

Lambert 135 switch machines for HO turnouts. New in box. \$4 each

FREE TO GOOD HOME (you pay shipping)

Meissner signal shifter case only. Decent shape, no mods. No chassis or front panel.

National NC-100 cabinet. This is for the 100-size radios (with the PW dial).

No holes of any kind, factory or mods, even on the front panel (don't ask me to explain it either...weird). No bottom panel. Perfect for someone with a 100 with holes in the front panel. Paint has rust and flakey spots.

HEADPHONES: \$12 EACH UNLESS NOTED.

Brandes	"Superior" Matched Tone headset, ca 1916: \$27
Federal Telephone and Telegraph	Type 53W headset marked "2200 ohms, Buffalo NY, U.S.A", ca 1919: \$37
Frost	Fones, fair. #163 Fones, cloth-covered metal headband and cloth cord with pin jacks, excellent: \$27
Trimm	"Featherweight" single earpiece on extendable black plastic handle, cloth cord and pin jacks Very chic. Excellent. \$19 ACME earpiece with plastic-covered metal headband. Only one earpiece, Cord not original. \$6
Western Electric	193W headset earpieces only 509W headset, earpieces and headband, no cord, ca 1919: \$37
Other	Mystery headset, plain black earpieces with no markings and metal headband. Good condition. Headband only: Cloth covered metal headband with thumbscrews at ears. Marked "Pat Mar 13, 1923." Probably Western Electric or Frost: \$6

PROJECTS AND PARTS SETS

Hallicrafters HT-8 parts set. Pre-war marine radiotelephone. Missing top cover and has much rust and parts damage. I'm putting this on the ELECTRIC RADIO parts unit directory so call me if you need something from this set. Or buy the whole thing for \$29.

SP-600 WHATZIT. You tell me. It has no tag and no manufacturer's label.

But it's obviously something custom-built on a Hammarlund SP-600

RF deck. Might be part of a diversity setup since it has rear connectors

for "Channel A" and "Channel B." Top cover and one internal cover missing. Tuning and band-change mechanics are off. Band change knob is broken. Otherwise complete and probably requiring very little work to get running. But what would you have when you were done? 110vac60cps. \$49
Childrens crystal radio kit (assembled). This is one of those where the connections are picto-grammed onto a piece of paper glued to a wooden mounting base. Incomplete--just cat's whisker and coil. No crystal or headphone. \$3
Technical Materials Corporation "Antenna Multicoupler" AMC-63/70U. Complete, unmodified. Rackmount. Untested. \$29

AMPLIFIER PARTS

2 Eimac 3-500Z tubes. Used. Guaranteed full output. \$59 each
3-500Z tube sockets. No manufacturer's tag, just "Made In Italy."
Used, good: \$9 each. Two to sell.
E.F. Johnson 153-24-3 Air Variable capacitor. 2KW. Ceramic mounts at ends have cracked
and been glued back together. \$19
2 G.E. Meters with scales for 0 - 100ma and 0 - 500v. Used, good: \$8 each

COILS

Meissner coil set for the Signal Shifter: 6 coils, 2-4-pin, 2 5-pin and 2 6-pin. It looks like a complete set, but I'm not sure which 'shifter these are from. \$16

KNOB SETS/RESTORATION PARTS

National Knobs: These are the ones used on the gray radios. They are Gray plastic with chrome skirts. The skirts are imprinted with scales. I have knobs with 2 different scales:

1-2-3-4-5-6-7-8-9-10

5-4-3-2-1-0-1-2-3-4-5

\$2 Each in excellent condition.

Military Intercom Box: \$2

Millen Rectangular (3): \$5

RCA or Meissner Pre-War Transmitter, with stainless steel skirt (2): \$16

Chrome Tuning Eye Cover (half-moon): \$6

E. F. Johnson Invader 200 power transformer. Original, removed from parts rig. Excellent condition: \$24

4-pin ceramic tube sockets with clamp base. Fit 812, 1616, taylor TZ40, etc. \$5 each. Four to sell.

National 4-pin ceramic tube sockets (3). These fit the Eimac 100TH and similar types. Used, as-new: \$7 each

Date: 06 Dec 94 14:47:01 EST

From: don merz <71333.144@compuserve.com>

Subject: Old & Audio

Message-Id: <941206194700_71333.144_DHQ49-2@CompuServe.COM>

Vintage Radio Gear For Sale and Wanted

CONTACT: Don Merz, N3RHT: 47 Hazel Drive, Pittsburgh, PA 15228
412-234-8819 (weekdays, EST or leave a message anytime).

OLDIES FOR THE AFFICIONADO

RMCA (Radiomarine Corporation of America--RCA afloat) 8021 "Radiotelephone." Pre-war marine radiotelephone transmitter/receiver with 6 crystal-controlled channels. Handset on left, speaker on right. About 26" long, 14" high and 16" deep. Must weigh 80 pounds. Gray wrinkle cabinet with front panel that looks like knurled aluminum (in that pre-war and wartime RCA marine 81xx receiver styling). Obviously designed for a coastal steamer as the 6 channels are marked (on engraved steel tags) "Boston, Miami, New York, Norfolk, Cst Grd, Ship." Lifting the handset keys the transmitter. Covers 2-3mhz. Really unique. Case has some light rust and this thing shows a lot of neglect. Some tubes missing. But unmodified and pretty easily restored. \$199

Hallicrafters S-53 receiver. Famous 50's novice receiver in very good original condition. Good original paint, no unoriginal holes. Working fine. Manual photocopy. Missing one small knob but it would be easy to have a casting made. \$55

Palco "Bantam" mobile HF transciever. 1956-vintage. Dual-6146's as finals. Probably the most rare HF mobile rig--few were made. With external, bolt-on modulator. Wonderful condition with clean chrome front panels. All original with very few scratches. You don't see these advertised every day. \$269

Gonset Communicator IV VFO covering 6 meters, 2 meters and 220mhz. This is styled to match the Communicator IV, but the instructions tell how to use it with Communicators II, III and IV. Really sharp cosmetically and working. Excellent. \$95

Hallicrafters HT-5G speech amplifier for the HT-4 (BC-610) transmitter. Excellent cosmetic condition. Complete, unmodified, untested. \$109

Meissner 9-1050 Signal Shifter. This is the one with the tuning eye and TV-type rotating coil turret for bandswitching. Wiith FM-X modulator, low-voltage supply and high-voltage supply. Paint on high voltage supply chassis is rough. 'Shifter front panel is excellent but case paint is dull and dirty. This is the most complete 'shifter I've ever seen--the factory power supplies are unfindable at any price. \$83

Meissner 150B Transmitter. 1941-vintage, 150 watt, plate-modulated AM transmitter originally designed for broadcast AM radio station use but drafted by the Signal Corps for the duration. CW too. Covers 1500khz through 12mhz. Uses Meissner Signal Shifter VFO and plug-in coils. This

one includes two Signal Shifters, one complete set of coils and a few extras and a manual photocopy. Formerly owned by the Chief Engineer of W1AW, the transmitter has been modified for improved audio. It has several unoriginal 3/8" holes in the 1/8" thick steel front panel. It measures 40"w x 18"h x 20"d and weighs just over 250 pounds. It is not modular and could only be shipped at great expense. \$219

Jewell Electrical Thermocouple RF Ammeter, 0 - 3 Amps. Some marks on meter face. \$6

Gonset Communicator III (2 meters). Cream with blue knobs. In just fair condition--lots of wear. No mods. \$33

WRL Galaxy 300 SSB Transciever. Made back when transievers had STYLE, this radio is a gorgeous combination of gold painted cabinets, black trim and anodized gold front panel with black knobs with gold inserts. The radio covers 80/75-40-20 meters and delivers 300 watts PEP output from a set of 6HF5 sweep tube finals. This one comes with the scarce matching PSA-300 station console that includes the power supply, mechanical digital clock and speaker in one cabinet--color and size-matched to the transciever. Made in 1963, this one is in excellent looking condition and very good operating condition. With original manual. \$169

MORE RECENT GEAR

Polarad RS-T microwave receiver. Large, rack-mount klystron-type set with tuning unit covering 1.9-4.3 ghz and preamp. AM/FM. \$249 plus a big shipping bill.

Heathkit HO-10 monitor scope. Classic tiny Heath monitor. Some scratches but still nice. All original. \$95

AUDIO

Craftsman AM/FM tuner model 800A. Chrome chassis. Black-wrinkle panel with gold eustacheon. Tuning eye. Excellent. \$55

Fisher Radio "The Fisher Master Audio Control" model 50-C-3. Mono preamp. Hollow state. Missing two knobs from lever switches. Original wooden case hgas many scratches. Untested. Nice. \$27

TEST GEAR

General Radio RC Oscillator covering 20hz-500khz. Compact unit with sidecar power supply. Nice. \$43

Simpson RF Ammeter. Brand new in box. \$24

Heath VC-2 voltage calibrator covering .01v to 10v. Nice early Heathkit in excellent condition. \$12

Precision 612 Tube tester. Metal case. One lever handle missing. Untested. With manual. \$14

Mercury 1100 Tube Tester. Case is pretty beat up. With Book. Untested. \$8

Simpson 555 tube tester. 1954. Tests 01As up through 7 and 9 pin

miniature. Ratty lookg but works. With chart. \$15
Zenith high voltage probe with meter built into the handle. Hardly used
in the original box. 1000 volts and up. \$24
Transvision TV Signal Strength tester. Rare Transvision-logo'ed piece.
Se ad on p. 100 of 12/52 Radio & Television News: "Measures field
strength as low as 10 microvolts." Nice and all original. \$21
Supreme 333 "Standard Analyzer." Combination tube tester, VOM in wooden case.
Looks near-new inside. Case is darkly stained and dirty. Untested. No
manual. Tests only older types--no miniature tubes. Great antique look.
With schematic dated 1935. Untested. \$15
Tektronix: These items are pictured and described in Stan Griffiths'
excellent book SELECTING AND RESTORING A CLASSIC:
81 plug-in (lets letter-series plug-ins work on 58x 'scopes) w/manual: \$14
TU-7 plug-in test fixture for 53x, 54x 'scopes. Looks good, untested: \$21
Silver 903 wavemeter with 3 coils: \$3

BROADCAST RADIO AND TV-RELATED

Zenith "Space Commander" 300 TV remote control. \$7

From owner-boatanchors@gnu.ai.mit.edu Tue Dec 6 19:34:48 1994
Date: Mon, 05 Dec 1994 21:22:47 GMT
From: "PDP11 Hacker" <ard@siva.bris.ac.uk>
Message-Id: <0098880E.D0D4421D.285@siva.bris.ac.uk>
Subject: Old hardware fanatics

>Hi Gang,
> I don't know about the rest of you, but since I've been receiving this
>list, I think my way of thinking about things has changed. I have even a

I know exactly how you feel, even though I own only 1 boatanchor (in the true
sense) - an AR88-LF that I must get round to restoring...
However, I have, for a long time, realised that old test equipment is often a
lot better than the modern stuff - I'd gladly put my Tekky 555 that cost me
about \$50 against any <\$500 modern 'scope!, and that this stuff is well built,
reliable, and just plain fun to use. Real test gear glows in the dark as well...

>stronger craving to collect and utilize a lot of OTHER things from the past.
>Not just BA equipment. Granted, all this new technology has made it possible
>for us to be together and I DID use a computer to run our Christmas lights(but
>it's an old one, a ZX81), I've gotten tired of microprocessor, fuel-injected,

So do I (use a computer for Xmas decorations). Over the years I have used a
Philips P850, a DEC PDP11/45, and this year, a PERQ 2T1 workstation. Yes, I do
still own (and use) the other machines, but I try to do something different

each year.

>turbocharged "stuff" that is basically impossible to repair. Even the people

It's not impossible to repair, just difficult, mainly because schematics and spares are hard to obtain. Surface mounting can be done at home....

Mind you, I'd rather have to make a special part for a boatanchor, or adapt one to take a different type of valve than try and make a custom chip for a modern computer.

>who are supposed to know how to fix it, I sense, are clueless. I am seriously

Yes, most repairmen are clueless. That's not changed over the years. That's why I insist on repairing everything I own myself.

>considering taking a couple major steps backwards in technology, despite the
>ridicule I might suffer. Anyone else feel this way or am I just a nut?

You're a Nut. So am I, and proud of it. The ridicule vanishes, though, when you demonstrate that your 15 year old computer is actually faster than your friend's modern PC, and that your wartime radio picks up stations with better selectivity, and less distortion than your friend's modern set. I've done both!

>

>-Jim

-tony

From owner-boatanchors@gnu.ai.mit.edu Tue Dec 6 13:42:01 1994

Date: Fri, 9 Dec 1994 12:30:07 +0000

From: "_o000o._" <johnb@thelair.zynet.com>

Subject: Old stuff... repairability

Message-Id: <Pine.3.89.9412091236.F281-0100000@thelair.zynet.com>

Next time someone razzes you for fixing up BA's and comments on the lack of tubes/parts, etc.... smile knowingly, while considering where they are going to get help for their Kensucom radio, when the contents of its' Flash memory flushes, or a custom gate array toasts about 15 years from now! :-)

73/john

/ John Brewer - WB50AU /
/ johnb@thelair.zynet.com /

From owner-boatanchors@gnu.ai.mit.edu Tue Dec 6 08:35:25 1994
Date: Tue, 6 Dec 1994 14:01:14 +0200
From: "PMD G.SIFAKIS" <pmidsif@isoft.intranet.gr>
Message-Id: <9412061201.AA33025@asterix.isoft.intranet.gr>
Subject: Re: Re: BA Brainwashing

Nick writes:

> Jeez - don't ask me about this stuff - I'm just out here riding around
> in my 1967 Corvette when I'm not operating my NC-300 and Ranger on 75m AM.

I have the same symptoms and started wondering about that. In a conversation with a friend we decided that one or more of the following happens:

- . Plain getting old and unable to adapt to new things.
- . Eventually we have gained enough self-confidence to admit that we don't like what everybody else likes.
- . We just appreciate quality and time-tested things. Mind you we always talk about Collins Corvete, etc and never about the junky stuff that came and went without leaving a trace.
- . We are trying to recreate our childhood.
- . Society is going downhill. This one I am reluctant to buy, because I remember how I used to hate hearing it when I was a kid from people then at my current age.

Wasn't there a '70s movie with I think Steve McQueen about a guy that wouldn't touch anything modern and eventually discovered the reason why? I'd love to see it again if anyone remembers the title.

George (getting vintager all the time) SV0KA

From owner-boatanchors@gnu.ai.mit.edu Tue Dec 6 10:06:43 1994
Date: Tue, 6 Dec 94 08:01:51 CST
Message-Id: <9412061401.AA01218@unlinfo2.unl.edu>
From: djw@unlinfo.unl.edu (Daniel Wright)
Subject: Re: Re: BA Brainwashing

George Sez:

> . We are trying to recreate our childhood.

BINGO!!!!!! [8->

Dan -- WA0JRD

From owner-boatanchors@gnu.ai.mit.edu Tue Dec 6 13:05:28 1994
From: rdkeys@csemail (R. D. Keys)
Message-Id: <9412061539.AA106928@csemail.cropsci.ncsu.edu>

Subject: Re: Re: BA Brainwashing
Date: Tue, 6 Dec 94 10:39:09 EST

>
> George Sez:
> > . We are trying to recreate our childhood.
>
> BINGO!!!!!! [8->
>
> Dan -- WA0JRD
>

Well said, there fellas.....!

Absolutely nothing wrong with trying to recreate our childhood.
It is good for the psyche, better for the peace of minde, and
absolutely the bestest of the best for us ol' pfartes who are
about at third stage burnout in the blackboard/blacktop jungle.

If we did not recreate a bit of the happier times, then most of
us would be exceeding basket kases par excellance.

Sometimes a well executed retreat to the less complex, simpler
modes of boatanchordom is a graceful way to get a little R and R
that normally costs 150 bucks an hour from the shrink. Why pay
the shrink? 'Tis a far, far better thing, say I, to enlarge the
realms of the boatanchor wisdom and the boatanchor collection.

Be we any other than temporary custodians of the wisdom and the
artifacts for the children who may follow hereafter?

..... (:+{}.....

TU BOB/NA4G

From owner-boatanchors@gnu.ai.mit.edu Tue Dec 6 16:53:38 1994
Message-Id: <9412061759.AA2046@hqsmtp.ops.3com.com>
From: Joe Reda/HQ/3Com <Joe_Reda@3mail.3com.com>
Date: 6 Dec 94 9:58:32 EDT
Subject: Re: Re: BA Brainwashing

Bob says:

>Sometimes a well executed retreat to the less complex, simpler
>modes of boatanchordom is a graceful way to get a little R and R
>that normally costs 150 bucks an hour from the shrink. Why pay
>the shrink? 'Tis a far, far better thing, say I, to enlarge the

>realms of the boatanchor wisdom and the boatanchor collection.

I couldn't agree more. After a hard day's fighting with the network here, nothing is more relaxing than a BA with a problem or one to be cleaned and restored. One thing I've found, too: skills and thought processes developed in troubleshooting a BA frequently come in verrry handy here at the job! I wouldn't trade a million bucks worth of therapy for the happy hours spent with the BAs.

\\Joe KC6TXU

From owner-boatanchors@gnu.ai.mit.edu Tue Dec 6 17:17:13 1994
Date: Tue, 6 Dec 94 13:00:41 CST
Message-Id: <9412061900.AA13846@unlinfo2.unl.edu>
From: djw@unlinfo.unl.edu (Daniel Wright)
Subject: Re: Re: BA Brainwashing

Bob sez:

>Sometimes a well executed retreat to the less complex, simpler
>modes of boatanchordom is a graceful way to get a little R and R
>that normally costs 150 bucks an hour from the shrink. Why pay
>the shrink? 'Tis a far, far better thing, say I, to enlarge the
>realms of the boatanchor wisdom and the boatanchor collection.

>

>Be we any other than temporary custodians of the wisdom and the
>artifacts for the children who may follow hereafter?

>

>..... (:+{}.....

>

>TU BOB/NA4G

>

Quite eloquently put Sir!

I just wish I could my youngins'interested.....I put up the "SEGA!!"
but they just went to the CD-ROM....[!-(...Maybe the GRANDchildren??

Dan -- WA0JRD

From owner-boatanchors@gnu.ai.mit.edu Tue Dec 6 16:11:43 1994
Date: Tue, 6 Dec 94 13:08:52 -0500
From: rdkeys@csemail (R. D. Keys)
Message-Id: <9412061808.AA107374@csemail.cropsci.ncsu.edu>
Subject: Re: Regenerative Detectors

>>> RE: HI/LO mu Remote/Semi-Remote Cutoff Tube Usage in Regen Service:

In regenerative service, it really does not matter much.

Classic receivers used '01As, 6C5s, 6J5s, 76's, '24s, 6D6's, and 6SK7's in commercial service. Occasionally things like 6SJ7's were used.

Changing 12AT7/12AU7, etc types in my hands has not done much --- they both work fine to all practical purposes.

The grid biasing and grid coupling capacitance is more important, in my hands. Using an '01A, no grid leak works best with old parts, because there is sufficient leakage across old parts to provide about 10 or so megohms of leakage path for a 100pf grid coupling capacitor. With new parts of the last 25 years or so, a 10 meg ohm grid leak is a must. For very strong stations, a grid leak of 10-100k works best. For best sensitivity, a grid leak of 100k-10megs works best.

Plate or plate/screen voltage is more important in my hands. On triodes of almost any type I find 24-48 volts is the correct plate voltage. On pentodes 90 volts seems to work better. Anything higher is usually not much better.

The Q of the primary/secondary tuning circuit is more important in my hands. ALWAYS use a good coil and capacitor and use as little capacitor as you can for best sensitivity. For best strong signal/controlability use extra tank capacitance or tap the grid down on the tank. Any coil can be made to work, but better coils work some bit better. Back in the early 1920's the favorite phrase was ``low-loss tuner''. See the early articles by John Reinartz and Boyd Phelps, et. al in QST and elsewhere. Although they tended to get carried away back then, not knowing exactly what they were doing, the principles still apply. Keep tuned circuit losses down for best results.

Proper primary/secondary tuning circuit coupling is more important in my hands. ALWAYS have some means of decoupling the detector or the antenna circuits to minimize pickup. These things are VERY sensitive and easily overloaded. LESS is usually better in the realm of coupling. I often can pick up almost anything that my kenwood can hooked up to its antenna, just using a '76 detector and '76 one-step with only a 12 inch antenna, and a good ground. Often, no antenna at all is needed for good signal pickup. When properly coupled, a regenerative detector will slice the sideband off of a sideband signal, to the point where the audio is very muffled and almost unreadable. If the passband heard is more than a KC or two wide, you are either

overcoupled, or using a poorly designed tuner or poor tuner parts.
(By tuner I am sure you understood that I meant the primary/secondary
grid circuits of the detector.)

All results based upon headphone and greymatter observations.
Not much hard scientific data have I got.....

Good luck.

Bob
NA4G

p.s. I run all sorts of regen receivers from '01A's to transistors.
I find transistors to be a real pain to run in a stable mode.
Tubes generally are easier to control, and pentodes usually
have a little more gain than triodes. Other than that, use
what you have..... it will probably work just fine. If in
doubt, try an octal based detector and switch 6SK7/6SJ7 tubes
and see what happens. A properly set up detector will give
pretty much the same results with either tube type. Old tube
types like the '01A work, but just don't have the emission of
something like a 6J5 or a '76 in detector service. A 12AT7
makes a very good detector. If I were to use a pentode I would
probably stick to the 6SK7, although even a 6L6 or an 807 makes
a very good regenerative detector --- WHEN PROPERLY SET UP AND RUN.

```
*****
* 73 TU SU VA DE NA4G          ``Boat Anchor Bob'', an ol' CW fart. *
*****
* Morse has been in the family for over 100 years. *
* Morse radiotelegraphy (Spark/CW) has been in the family since 1914. *
*****
* May you have fair winds and following seas on your watch at the key. *
*****
```

From owner-boatanchors@gnu.ai.mit.edu Tue Dec 6 18:59:23 1994
From: rdkeys@csemail (R. D. Keys)
Message-Id: <9412061953.AA1077799@csemail.cropsci.ncsu.edu>
Subject: Re: Regenerative Detectors
Date: Tue, 6 Dec 94 14:53:00 EST

>
> Thanks for the info. Have you ever heard of anyone using a nuvistor
> as a regenerative detector? How do you think it would work? I was
> considering trying a 7587 nuvistor tetrode (sharp cut-off) to take
> advantage of controlling regeneration by the screen voltage rather
> than ticklers or plate impedances.

The nuvistors will work fine. Them's not quite boatanchor sized, but they will work just fine.

If you use screen voltage regulation or plate voltage regulation and pull the screen off through a dropping resistor, it should work fine. Regulation is not really even necessary, unless you demand very precise frequency stability. IF the vernier tuning is sufficient, and the set is sufficiently free from hand capacity problems, then you really dont even need power supply regulation.

Most all of my regen sets, except for a couple of commercial ones that run on AC, run on batteries for B+. I keep packs of 8 of the small 7ah sealed lead acid batteries around for B+ voltages. 4=48vdc while 8=96 vdc, close enough. Batteries have the advantage of being noise free so it makes the bands quieter. It is amazing how quiet the bands are when the noisy rigs are shut off (Kenwoods are abysmal at hash, as are the usual 12VDC ham power supplies).

As a general rule of thumb, try to use 90 volts on the plate and maybe 30 volts on the screen for the point of going into oscillation. Bias with 20k ohms dropping resistor and 10k ohms regeneration control, or such. You will have to play with the cathode feedback tap to adjust it to give you the start of oscillation when 30 volts or so of screen are reached. If you are real picky, you can install the classic cathode to ground pushbutton switch (on Hartley EC type detectors) or tickler coil shunt pushbutton switch (on straight Hartley detectors) to give you the classic plop/plop clicks to see when regeneration is sufficient to give oscillation in the detector circuit.

Of course, the audio section can run at 180 or 250 volts or whatever. Transformer couple, of course, and tune the transformers for good audio response. Also, keep the B+ off the fone lines unless it is 48 volts or less. Even 90 volts will bite on tin can tip jacks or side terminals on the cans themselves.

Screen voltage control of regeneration works fine on all the tetrode and pentode tubes I have tried. Look for a schematic to the RCA RAL (I posted it to the boatanchor archives at [sunsite.unc.edu](http://sunsite.unc.edu/pub/academic/agriculture/agronomy/ham/things-to-build/na4g) in the pub/academic/agriculture/agronomy/ham/things-to-build/na4g (whew!) directory). It is just about the caddie of regen circuits.

>

> Your point on old parts is well taken!

I try to limit my stuff to octal or earlier tube types, except for an occasional diversion. The tube sockets are bigger and easier for the myopic eyes to see and work with! Also, I got a a goodly supply

of Pomona breadboard mount octal sockets from a local shop that went out, so I have enough for my needs for a few years. I build an occasional '01A set when I run across sufficient spares to keep it alive. Nothing quite equals the fine dim yellow glow of an '01A or a '00A detector when peeking through the filament eyehole in a classic design bakelite paneled detector and two step receiver. It kinda brings warm fuzzies all over the operator, and makes the tin cans seem to crackle and din just a teensy bit more than on other types of sets with tin-can style tubes.

>
> Regards
>
> Gordon Symonds

Likewise.....
73
Bob
NA4G

From owner-boatanchors@gnu.ai.mit.edu Tue Dec 6 17:50:55 1994
Date: 06 Dec 1994 14:08:13 -0500 (EST)
From: QUACK <MUSCORJ@hswdl.utc.com>
Subject: Repairability
Message-Id: <01HKBQMWKHDE00240Y@utrcgw.utc.com>

Sunday I got my manual and Simpson 260 out (get that Simpson!), removed the 1965 Hammarlund HQ-180A BA from its case and proceeded to find out why I had mushy audio and output from the speaker with the AF Gain Control at minimum. A few minutes later I shotgunned the bypass cap in the cathode circuit of the AVC tube. Found a spare in the parts drawer and 15 minutes later was back in its case.

Try that with your Fujiyama R-6969/URR!

Old is nice witness the 1970 Plymouth Duster (which I bought new) parked alongside the 1973 'Cuda 340 out in the garage.

Ron

From owner-boatanchors@gnu.ai.mit.edu Tue Dec 6 14:14:38 1994
Date: Tue, 6 Dec 1994 11:10:50 -0500 (EST)
From: Tony Stalls <rstalls@access.digex.net>
Subject: Returned mail: User unknown ????
Message-Id: <Pine.SUN.3.91.941206110628.25104A-100000@access1.digex.net>

I confess to being a "newbie" (I'm reading the books!), but something wierd has been happening that I can't seem to get an answer to. What

follows is the header to a returned message that WAS posted to BA.
This has happened several times. Please don't go to any trouble, but if
anybody has a quick answer to what's going on, I'd appreciate knowing.

Thanks & 73,

Tony
K4KY0

----- Forwarded message -----

Date: Tue, 6 Dec 94 07:23:44 CST
>From: Mail Delivery Subsystem <MAILER-DAEMON@fcircus.sat.tx.us>
To: rstalls@access.digex.net
Subject: Returned mail: User unknown

----- Error summary follows -----

simon_booth... User unknown
Message returned to sender.

----- Unsent message follows -----

>From dptspd.sat.datapoint.com!gnu.ai.mit.edu!owner-boatanchors Tue, 6 Dec 94
07:23:43 CST
Received: by fcircus.sat.tx.us (V1.17-beta/Amiga)
id <413q@fcircus.sat.tx.us>; Tue, 6 Dec 94 07:23:43 CST
Received: from dptspd.sat.datapoint.com by fezzik.endicor.com (5.67b/IDA-1.5)
id AA13887; Tue, 6 Dec 1994 01:27:20 -0600
Received: from albert.gnu.ai.mit.edu by dptspd.sat.datapoint.com with smtp
(Smail3.1.28.1 #3) id m0rEtyG-0001lgC; Tue, 6 Dec 94 01:05 CST
Received: by albert.gnu.ai.mit.edu (8.6.9/4.0)
id <WAA20125@albert.gnu.ai.mit.edu>; Mon, 5 Dec 1994 22:47:46 -0500
Received: from kropotkin.gnu.ai.mit.edu by albert.gnu.ai.mit.edu (8.6.9/4.0) with
SMTP
id <WAA20114@albert.gnu.ai.mit.edu>; Mon, 5 Dec 1994 22:47:33 -0500
Received: from access1.digex.net by kropotkin.gnu.ai.mit.edu (15.11/4.0) with SMTP
id <AA14767@kropotkin.gnu.ai.mit.edu>; Mon, 5 Dec 94 22:47:29 est
Received: by access1.digex.net id AA28833
(5.67b8/IDA-1.5 for BOATANCHORS <boatanchors@gnu.ai.mit.edu>); Mon, 5 Dec 1994
22:47:27 -0500
Date: Mon, 5 Dec 1994 22:47:27 -0500 (EST)
In-Reply-To: <199412051728.MAA17948@altair.cs.unc.edu>
Message-Id: <Pine.SUN.3.91.941205223835.27959B-100000@access1.digex.net>
Mime-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
>From: Tony Stalls <rstalls@access.digex.net>
To: BOATANCHORS <boatanchors@gnu.ai.mit.edu>
Subject: Re: hamfest report - Greensboro NC

From owner-boatanchors@gnu.ai.mit.edu Tue Dec 6 18:48:43 1994
Date: Tue, 6 Dec 1994 15:57:44 -0500 (EST)
From: Tony Stalls <rstalls@access.digex.net>
Subject: Re: Returned mail: User unknown ????
Message-Id: <Pine.SUN.3.91.941206155435.12226A-100000@access4.digex.net>

Thanks for the feedback. Since this was the first time this happened, I was concerend about the cause. I've ordered a video on everything there is to know about the Internet, so I'll be an expert soon and won't have to ask boneheaded questions. (I wish!!!)

I still think that it would all work better if it had tubes!

73 all!

Tony
K4KY0

From owner-boatanchors@gnu.ai.mit.edu Tue Dec 6 21:32:32 1994
From: bamodena@csemail
Message-Id: <9412062306.AA108168@csemail.cropsci.ncsu.edu>
Subject: Re: Returned mail: User unknown ????
Date: Tue, 6 Dec 94 18:06:12 EST

>What
> follows is the header to a returned message that WAS posted to BA.
> This has happened several times. Please don't go to any trouble, but if
> anybody has a quick answer to what's going on, I'd appreciate knowing.
>
> ----- Forwarded message -----
> Date: Tue, 6 Dec 94 07:23:44 CST
> >From: Mail Delivery Subsystem <MAILER-DAEMON@fcircus.sat.tx.us>
> To: rstalls@access.digex.net
> Subject: Returned mail: User unknown
>
> ----- Error summary follows -----
> simon_booth... User unknown
> Message returned to sender.
>

OK...when you post a message to BOATANCHORS@gnu.ai.mit.edu, a copy is remailed to every person on the list.

Suppose someone has left and their email account is no longer valid (as today we had a signoff goodbye).

If the list owner were present, he would remove that invalid subscriber

from the reflector list. But that isn't being done.

So the mail goes to that invalid address (unknown user). The destination is just a machine and sends it back to gnu.ai.mit.edu. The daemon there looks it over and send it back to *you*.

I posted a message to BA yesterday and received the *same* error mail on return.

Looking on the positive side, the bounce doesn't go out to the whole list (I hope). And it may be a sign that from among all subscribers, we only have *one* invalid subscriber at the moment. :^)

--de Steve AB4EL ab4el@Cybernetics.NET

From owner-boatanchors@gnu.ai.mit.edu Tue Dec 6 22:34:46 1994
From: JosephWP@aol.com
Date: Tue, 6 Dec 1994 20:02:50 -0500
Message-Id: <941206200132_7417287@aol.com>
Subject: SRR-12 parts needed

I need the first IF module for the SRR-12. The set I recently acquired has a mechanical problem in this unit.

If anyone can help me out with this, please me know.

Joseph Pinner +
Lafayette, LA
KC5IJD

From owner-boatanchors@gnu.ai.mit.edu Tue Dec 6 18:23:12 1994
Date: Tue, 6 Dec 94 19:36:37 GMT
From: "Hugh D. Stegman" <driver8@red-eft.la.ca.us>
Message-Id: <9412061936.AA02530@red-eft.la.ca.us>
Subject: Re: Submarine Antennas

>TACAMO

My understanding is that the TACAMO plane and mission has been incorporated into the worldwide airborne command post project, and that they fly a portion of these. The TWA (Trailing Wire Array) is indeed something like seven MILES long in one configuration. One additional safety feature is a very sharp blade that can chop the thing off at the aircraft end if need be. The TWA is not deployed much over land, because residents of populated areas can get real nasty about miles of wire falling from the sky. In a nuclear war, the ground safety consideration goes down real fast. :-)

Thus there's another antenna on board the craft that will at least load up.
Sort of the ELF equivalent of a rubber duckie?

If you're listening in on the Global HF System and you hear, "Request you echo the following," in an EAM broadcast (Alpha, five, zulu, stand by...), it's because the ground station doesn't have ELF and there happens to be a plane up which does. Otherwise I imagine the message goes to the groundbased ELF system.

Hugh NV6H

From owner-boatanchors@gnu.ai.mit.edu Tue Dec 6 09:37:29 1994
Date: Tue, 6 Dec 1994 08:43:59 -0500 (EST)
From: "Roberta J. Barmore" <rbarmore@IndyNet.indy.net>
Subject: subscribe
Message-Id: <Pine.3.89.9412060859.A2111-0100000@IndyNet>

Hi!

I would like to subscribe to this list, but I'm not sure how. The post-to-list address is the only one I've been able to find!

Any help would be greatly appreciated.

73,
--Bobbi
KB9GKX

From owner-boatanchors@gnu.ai.mit.edu Tue Dec 6 16:46:30 1994
Date: Tue, 6 Dec 94 18:53:34 GMT
From: "Hugh D. Stegman" <driver8@red-eft.la.ca.us>
Message-Id: <9412061853.AA02284@red-eft.la.ca.us>
Subject: RE: Trivia???

Richard writes:

>Let's all try to remember Edwin Howard Armstrong [inventor of a lot of
>important stuff].

Oh, I do. The PBS show about broadcasting's early history gives him an importance equal to Sarnoff and DeForest. If you believe the stuff they had, he was most definitely the original radio nerd. His blood circulated at audio rates and his brain ran at RF.

If you're ever at the Empire State Building in New York, keep in mind that

everything above the 86th floor is practically a monument to Armstrong. They built the top to moor dirigibles (!), but Armstrong showed them what it was really good for.

Good stuff.

Hugh NV6H

From owner-boatanchors@gnu.ai.mit.edu Tue Dec 6 23:11:34 1994
From: juste001@maroon.tc.umn.edu (jim -KB0NQB)
Subject: unsub help, and bye
Message-Id: <2ee506102327002@maroon.tc.umn.edu>
Date: Tue, 6 Dec 94 18:47:13 -0500

Hello folks!

After more than a year and a half (yes, I lurk mostly) I find myself needing to ride off into the sunset, as my account is closing. Thanks to all for a resource I'll really miss (but now I'll have time to read all the boatanchor tips I've saved!).

Now, what is the unsub procedure these days? I never did sort out what was going on in that regard with Jim on leave as maintainer.

So long, and thanks for all the fish!

73's

Jim

From owner-boatanchors@gnu.ai.mit.edu Tue Dec 6 17:08:50 1994
From: "Evert Halbach" <CS-ERH@nich-nsunet.nich.edu>
Date: Tue, 6 Dec 1994 13:44:16 CST
Subject: unsubscribe
Message-Id: <6904B3A0F5F@charon.nich.edu>

unsubscribe

Evert R. Halbach WA5OJI
Internet - cs-erh@nich-nsunet.nich.edu
Phone - (504) 448-4999
Snail - P.O. Box 2168 Thibodaux, La. 70310

From owner-boatanchors@gnu.ai.mit.edu Tue Dec 6 10:11:55 1994
Date: Tue, 6 Dec 1994 08:13:23 -0500
From: Michael Crestohl <mc@shore.net>
Message-Id: <199412061313.AA26997@shore.shore.net>

Subject: We're just a bunch of old buzzards!!!

Hi Heavy Metal Enthusiasts:

On December 5th, 1994 "James C Reid" <0093373@ccmail.emis.hac.com> wrote:

>Subject: BA Brainwashing

>I have even a stronger craving to collect and utilize a lot of OTHER things from the past. Not just BA equipment.

>I've gotten tired of microprocessor, fuel-injected, turbocharged "stuff" that is basically impossible to repair. Even the people who are supposed to know how to fix it, I sense, are clueless. I am seriously considering taking a couple major steps backwards in technology, despite the ridicule I might suffer. Anyone else feel this way or am I just a nut?

Jim:

You are definitely in the right company! New is not always good. My ham radio friends are great people and we each respect the others right to practise ham radio as we see fit. Personally, I dislike contests and see no use for them except to fill the bands with bullshit to the exclusion of regular amateur radio operations, but several of my friends are serious, hard-core contesters! One friend paid over \$350.00 for Yaesu to fix his \$3500 FT-1000. I am not a techie type but have enough experience with tube type equipment to at least try to figure it out and if I can't, I sure know who to ask. Most of the new crap is so technologically advanced that it takes someone trained with special equipment to do it and for that ya gotta pay! Try to tune up your car lately? On the plus side, several of my rice-box owning buddies have discovered boatanchors at the hamfests we all attend and they now "see the light". Mailing lists such as this along with great pubs like ELECTRIC RADIO indicate to me that there are a lot of "us" out there! Its the "real" ham radio. Let the guys who pay megabucks for their radios enjoy them, but frankly there's nothing like the warm glow of a KWM-2 or Johnson Viking 500 and the enjoyment of actually tuning a transmitter output circuit for resonance.

73,

Michael KH6KD/W1

From owner-boatanchors@gnu.ai.mit.edu Tue Dec 6 13:52:16 1994

From: dsnowden@ccd.harris.com (Doug Snowden)

Message-Id: <9412061527.AA51697@rs2>

Subject: Re: We're just a bunch of old buzzards!!!

Date: Tue, 6 Dec 1994 10:27:53 -0500 (EST)

> >considering taking a couple major steps backwards in technology, despite the

> >ridicule I might suffer. Anyone else feel this way or am I just a nut?
>
> practise ham radio as we see fit. Personally, I dislike contests and see
> no use for them except to fill the bands with bullshit to the exclusion
> of regular amateur radio operations, but several of my friends are serious,
> hard-core contesters.

I am a tester too. That means that I have a high tech radio to compete with and for casual operating I warm the room with boatanchors. You won't find a tester using a boatanchor in a contest.

> Most of the new crap is so technologically advanced that it
> takes someone trained with special equipment to do it and for that ya gotta
> pay!

You are definitely right there! I spent several weeks of casual trouble-shooting to fix the PLL in a ricebox I used to have.

Doug Snowden
dsnowden@ccd.harris.com

From owner-boatanchors@gnu.ai.mit.edu Tue Dec 6 19:13:41 1994
From: rdkeys@csemail (R. D. Keys)
Message-Id: <9412061925.AA107758@csemail.cropsci.ncsu.edu>
Subject: Re: We're just a bunch of old buzzards!!!
Date: Tue, 6 Dec 94 14:25:58 EST

>
> > >considering taking a couple major steps backwards in technology, despite
> > >the ridicule I might suffer. Anyone else feel this way or am I just a nut?
> >
> > practise ham radio as we see fit. Personally, I dislike contests and see
> > no use for them except to fill the bands with bullshit to the exclusion
> > of regular amateur radio operations, but several of my friends are serious,
> > hard-core testers.
>
> I am a tester too. That means that I have a high tech radio to compete
> with and for casual operating I warm the room with boatanchors. You won't
> find a tester using a boatanchor in a contest.
>
> > Most of the new crap is so technologically advanced that it
> > takes someone trained with special equipment to do it and for that ya gotta
> > pay!
>
> You are definitely right there! I spent several weeks of casual trouble-shooting to fix the PLL in a ricebox I used to have.

>
>
> Doug Snowden
> dsnowden@ccd.harris.com
>
>

Now, fellas, don't put boatanchors down too far as contest machines....

They be a bit crotchety akin to de ol' XYL, 'tis true..... but....
ahhhh, they purrrrrrrrr like a fine kitten they do when the are up
to speed amidst even a gentle contest like CQ FD DE XXXX, et al.

I am, unfortunately, not as well heeled as the next fellow with the
RicenBoomer Special on the 160 meter contests. But, I do chime in
with the Real boatanchor, except that QSY in the middle of the heat
is a 5 handed affair. The Real boatanchor is the RMCA ET-8019A with
a pair of 813's flowing in the final. Fast an' sassy on CW, but mostly
a stick and corner the market on one QRG mode.... On Field Day, it
is a guaranteed QRG holder. But, it has only been to a couple of field
days in 20 years, since it weighs twice as much as me with its power
supply and is about the same girth....., but it seems woefully slow in
motive power (most such power having gone out the big bowl insulator
topside).

It is, tho, never a big place holder in the contests, but is a hellofa
lotta fun. When the club runs QRO, and it is aboard, it always clears
the channel easily on Field Day. But, then again, the ANGRY-19 and
the TBW(GO or TDE) always seemed to do the same thing. Must be sumthin'
generic about the ability of a good boatanchor to keep a clear channel
in the midst of the contest heat. Aside from being 5 handed affairs,
and the QSK is a bit on the slow side for a real hot contest fracas,
they do just fine, if you handle them with a touch o' kid on the fingers.
Never had the temerity to drag the SCR-399 to field day..... It was just
a tad too much to hafta move, without a couple dozen grunts along...

If fone be yer pleasure, a goodly pair o' King Arthur Collin's fine
S line or even the KWxxx line will run amidst the best of the socalled
kenwicomyasawhooies....

I guess I am being too easy on them tho..... They each take a full 3kw
generator just to keep the filaments and relays and dynamotors and... etc.,
running. But, that is the mystique of a fine boatanchor. When the
dynamotors and MG sets kick in, it kinda scares off the insincere types.
But, it doooooo leave a fine pair o' bugeyes amidst the young squirts,
needin' a little meaning to all tha goings-on..... They seem to come
away well-in-awe of the bottles o' fire thusly warmed, when the stockings
of the ol' boatanchor are at full-tilt --- in contrast to the somewhat

lackadaisical looks after walking past the kenwicomyasawhooies at speed....

OY, Well, dem's me twopence worth again..... (:+{} }....

Bob
NA4G

```
*****
* 73 TU SU VA DE NA4G          ``Boat Anchor Bob'', an ol' CW fart.  *
*****
* Morse has been in the family for over 100 years.                      *
* Morse radiotelegraphy (Spark/CW) has been in the family since 1914.  *
*****
* May you have fair winds and following seas on your watch at the key. *
*****
```

From owner-boatanchors@gnu.ai.mit.edu Tue Dec 6 23:27:50 1994
Date: Tue, 6 Dec 1994 21:57:36 -0500 (EST)
From: Tony Stalls <rstalls@access.digex.net>
Subject: Re: We're just a bunch of old buzzards!!!
Message-Id: <Pine.SUN.3.91.941206215519.29503C-100000@access4.digex.net>

On Tue, 6 Dec 1994, Doug Snowden wrote:

> I am a tester too. That means that I have a high tech radio to compete
> with and for casual operating I warm the room with boatanchors. You won't
> find a tester using a boatanchor in a contest.

Now THAT sounds like a challenge to me!!! ;-)
 ^^^^

73,

Tony
K4KY0

From owner-boatanchors@gnu.ai.mit.edu Tue Dec 6 01:27:25 1994
Date: Mon, 5 Dec 1994 22:35:00 -0600 (CST)
From: Kevin Anderson <anderson@ncrsun1.ncr.usace.army.mil>
Subject: wouldn't you know...:-)
Message-Id: <Pine.SUN.3.91.941205223042.23710A-100000@ncrsun1>

Wouldn't you know, I send a message to the list about my
strange mail problem and then somewhere/somehow the dam
floodgates get opened again. I'm still perplexed, but much

more happy to get e-mail QSOs from you people again. As
Chuck Adams points out -- internet is a neat mystery to
enjoy. Back to more pertinent radio wisdom! 73, Kevin, KB9IUA

Kevin L. Anderson, CENCR-PD-W, U.S. Army Corps of Engineers
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Rock Island, Illinois 61204-2004, USA phone:(309) 794-5605
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Opinions expressed here are my own and do not represent the
U.S. Army Corps of Engineers or the Federal Government.

From owner-boatanchors@gnu.ai.mit.edu Tue Dec 6 16:46:22 1994
Date: Tue, 6 Dec 1994 12:51:58 -0500 (EST)
From: Tony Stalls <rstalls@access.digex.net>
Subject: Re: wouldn't you know...:-)
Message-Id: <Pine.SUN.3.91.941206124803.2921A-100000@access1.digex.net>

On Tue, 6 Dec 1994, Kevin Anderson wrote:

> Wouldn't you know, I send a message to the list about my
> strange mail problem and then somewhere/somehow the dam
> floodgates get opened again. I'm still perplexed, but much
> more happy to get e-mail QSOs from you people again. As
> Chuck Adams points out -- internet is a neat mystery to
> enjoy. Back to more pertinent radio wisdom! 73, Kevin, KB9IUA

I claim ignorance under the guise of being a "newbie" for now. (How long
can I get away with that?) There does seem to be a lot of "smoke and
mirror" stuff going on. After all, how can a message be both rejected
and delivered at the same time. There wouldn't be as much of a problem
if the Internet used TUBES and glowed in the dark! ;-)

73,

Tony
K4KY0